

# Journal of the Royal Institute of British Architects

THIRD SERIES

VOL. XXXV. No. 12

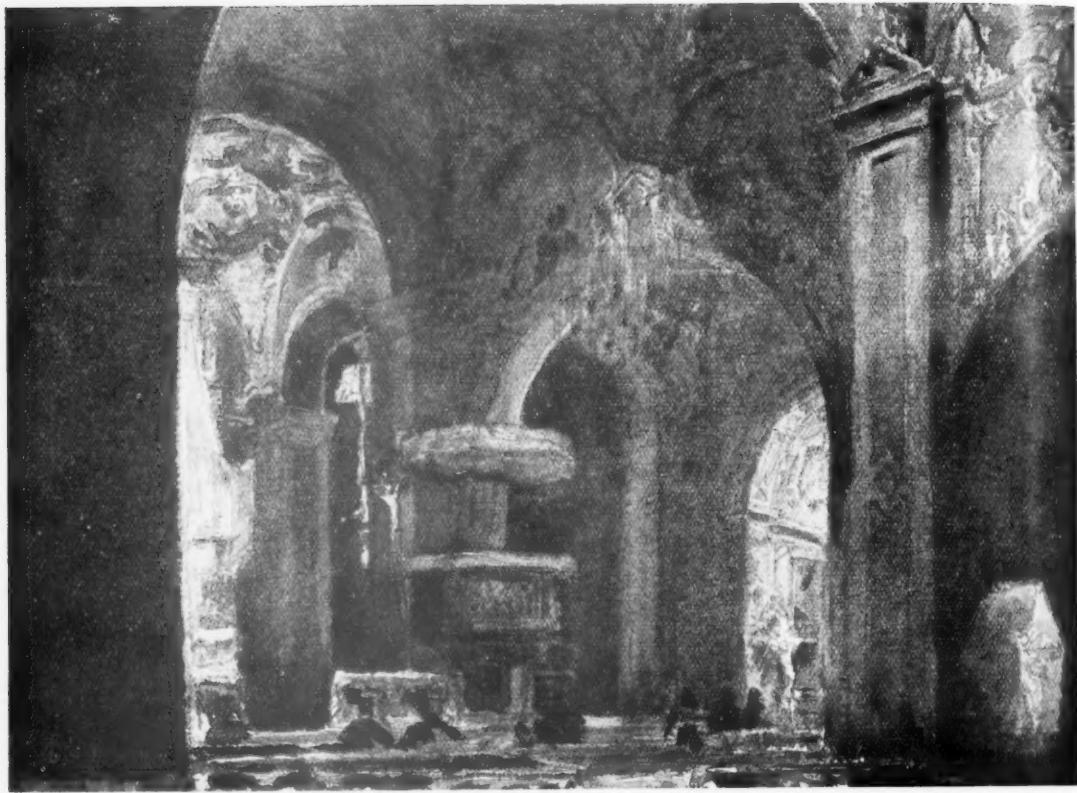
28 APRIL 1928

381

## Contents for 28 April 1928

	Page
CHURCH OF SANTO STEFANO AT LENNO, LAKE COMO. Water-Colour Drawing. By E. W. Wimperis ..	<i>Frontispiece</i>
R.I.B.A. ANNUAL REPORT 1927-28 ..	383
REVIEW :	
ACOUSTICS OF BUILDING. By Hope Bagenal ..	419
SOME HOLIDAY REFLECTIONS. By H. Austen Hall ..	421
COUNCIL FOR THE PRESERVATION OF RURAL ENGLAND : THAMES VALLEY BRANCH ..	422
CROSS-RIVER TRAFFIC ..	423
THE BUILDING TRADES EXHIBITION. By Herbert W. Wills ..	424
CORRESPONDENCE :	
STONE PRESERVATION AND DECAY. By Joseph Cuypers ..	425
THE CHURCH RESTORATION COMPANY. By Lionel Nevins ..	425
EXHIBITION OF MR. E. W. WIMPERIS'S WATER-COLOUR DRAWINGS ..	425
ALLIED SOCIETIES :	
ESSEX SOCIETY OF ARCHITECTS ..	426
LIVERPOOL ARCHITECTURAL SOCIETY ..	426
BERKSHIRE ARCHITECTURAL SOCIETY ..	426
NOTTINGHAM AND DERBY ARCHITECTURAL SOCIETY ..	426
YORK AND EAST YORKSHIRE ARCHITECTURAL SOCIETY ..	427
OBITUARY :	
GEORGE DALE OLIVER ..	427
JOHN BERTRAM WILLS ..	428
NOTES FROM MINUTES OF COUNCIL ..	428
BOARD OF ARCHITECTURAL EDUCATION ..	429
NOTICES ..	430
COMPETITIONS ..	431
MEMBERS' COLUMN ..	432
MINUTES ..	432
THE A.B.S. OPTIONAL POLICY ..	432

M



CHURCH OF SANTO STEFANO AT LENNO, LAKE COMO  
Water-Colour Drawing By E. W. Wimperis [F.]

See page 425



## Report of the Council for the Official Year 1927-1928

SINCE the publication of the last annual Report the Council have held 13 meetings and the Executive Committee of the Council have held 13 meetings.

The following Boards and Committees appointed by the Council have met and reported from time to time on the matters referred to them :—

Annual Dinner Committee.

Architects' and Builders' Consultation Board.

Architects' and Operatives Consultation Board.

Board of Architectural Education.

Competitions Committee.

Conditions of Contract Conference.

Executive Committee.

Finance and House Committee.

London Architecture Medal Jury.

London Building Acts Committee.

Official Architecture Committee.

Professional Conduct Committee.

Premises Committee.

Registration Committee.

Royal Gold Medal Committee.

Sessional Papers Committee.

Sub-Committee for Complaints.

Special Committee on the Working of the Scale of Charges.

Thames Bridges Conference.

Town Planning and Housing Committee.

Particulars of the work of these Boards and Committees, so far as they are available for publication, are embodied in this Report.

**Obituary.** The losses by death have been as follows :—

### HONORARY FELLOW :

Hardy, Thomas, O.M.

### HONORARY ASSOCIATES.

Cornford : Leslie Cope.

Solomon : Solomon Joseph, R.A.

Hogarth : David George, C.M.G., M.A., D.Litt., etc.

West : Rev. George Herbert, D.D.

### HONORARY CORRESPONDING MEMBERS.

Muthesius : Dr. Hermann (Germany).

Kemal-ad-Din : Professor A. (Turkey).

### FELLOWS.

Ball : Charles William.

Simpson : George.

Black : Andrew.

Solomon : Lewis.

Branch : Henry.

Steinthal : Alfred.

Cackett : James Thoburn.

Thomson : James.

Carter : John Coates.

Vassallo : Chev. Andrew.

Coggan : Clarence Tilt.

Ware : Alfred George.

Deacon : Charles Ernest.

Wilkinson : Arthur Grosvenor.

Dinwiddie : Thomas.

Williams : James Leonard.

Evans : Robert.

Wills : John Bertram.

Fasnacht : James.

Woodward : William.

Fisher : Frank James.

Glencross : Leslie Harold.

Harbottle : Edward Hall.

Hill : William Longfield.

Hine : James

Houston : John Alfred Taylor.

Hudson : John.

Hunt : Leonard Vincent.

Marwick : Thomas Purves.

Pertwee : William Hart.

Pridmore : Albert Edward.

Prynn : George Halford Fellowes.

Ricardo : Halsey R.

## RETIRED FELLOWS.

Eade : William.

Nash : Walter Hilton.

Oliver : George Dale.

Scamell : George.

## RETIRED MEMBER, S.A.

Orange : James.

## ASSOCIATES.

Adams : Percy Joyce.

Baines : Lt.-Col. John Cecil.

Birnstingl : Harry Joseph.

Crook : William Edward Benjamin Froome.

Crutchley : Frederick Ernest.

Field : Alfred Whitelock.

Gabriel : Edward.

Hill : Alfred (Croydon).

Hodgson : Herbert.

Hulbert : Maurice Charles.

Lovegrove : Henry.

Lynes : Fred Hunter.

McCallum : Malcolm Sinclair.

Palmer : William Edward King.

Payne : Edwin Osman.

Perry : Henry Robert.

## LICENTIATES.

Evans : James Henry.

Freeman : Percy Benjamin French.

Gale : William Willis.

Hanman : William Thomas.

Hofman : Paulus Johannes.

Holliday : Stephen James.

Jackson : John.

Jackson : William Cecil.

Littlewood : Lionel.

Mackintosh : John.

Needham : Samuel.

Prichard : Walter John.

Pinn : Allan John.

Smith : Walter Henry.

Robertson : Godfrey Alan Keith.

Ward : Henry.

Watson : Bryan.

Williams : John Carlton.

Ambler : Herbert.  
 Bassett-Smith : Charles Aubrey.  
 Burrows : John William.  
 Campsall : Wilfrid Tom.  
 Cannon : Frederick.  
 Cattermole : Frederick William.  
 Charles : John W.  
 Cook : William Vince.  
 Craig : George.  
 Cuddy : Albert Edward.  
 Cummins : Wilfred Joseph.  
 Cuthbert : David Matheson.

Evans : James Henry.  
 Freeman : Percy Benjamin French.  
 Gale : William Willis.  
 Hanman : William Thomas.  
 Hofman : Paulus Johannes.  
 Holliday : Stephen James.  
 Jackson : John.  
 Jackson : William Cecil.  
 Littlewood : Lionel.  
 Mackintosh : John.  
 Needham : Samuel.  
 Prichard : Walter John.

Quinton : Herbert.  
 Rogers : Fergus Carstairs.  
 Rowlands : John Edward.  
 Rowley : Charles Aubrey.  
 Sarvis : John.  
 Scotland : John.  
 Slater : Arthur James.  
 Stephens : J. H.  
 Sugden : Arthur.  
 Sykes : Edward.  
 Tough : Joseph John.

**Membership.** The following table shows the present membership of the Royal Institute compared with the preceding five years :—

	Fellows.	Associates.	Licentiates.	Hon.	Hon.	Hon.	Retired		Members	Subscribers.	Students.	Probationers.
							Fellows.	Associates.	Members.	Fellows.	S. of A.	
1923	964	2,316	1,408	10	54	45	47	—	—	—	—	—
1924	970	2,335	1,364	11	54	38	55	—	—	—	—	—
1925	1,182	2,319	1,965	10	65	43	52	—	—	—	—	—
1926	1,338	2,390	2,211	9	78	50	47	33	14	570	1,606	
1927	1,415	2,420	2,130	10	81	59	49	32	16	654	1,899	
1928	1,432	2,428	2,049	9	88	58	53	31	19	775	2,472	

During the official year since the last Annual General Meeting, 67 Fellows, 87 Associates, and 18 Licentiates have been admitted, as against 137 Fellows, 164 Associates, 37 Licentiates, in the previous year.

Of the 1,432 Fellows whose names appear in the current *Kalendar*, 636, or 44 per cent., were elected from the Associate Class ; 279, or 20 per cent., were elected from the Licentiate Class after examination ; 227, or 16 per cent., were elected without examination, under the conditions which existed before the grant of the Charter of 1909 ; 204, or 15 per cent., were admitted under the Charter of 1925 ; 48, or 3 per cent., were elected under Section IV, Clause c (ii) of the Charter of 1925, and 38, or 2 per cent., were elected by the Council under the powers contained in Clause 2 of the Charter of 1909. Of the 2,428 members of the Associate Class, 1,412, or 58 per cent., have been elected since the date of the Armistice. Of the 2,049 Licentiates, 1,094, or 54 per cent., were admitted under the Charter of 1909, and 955, or 46 per cent., under the Charter of 1925.

**The Allied Societies.** During the past year the Essex Society of Architects has been admitted as an Allied Society of the R.I.B.A.

There are now 27 Allied Societies with 16 branches in Great Britain and Ireland, and 17 Allied Societies with 15 branches in the Dominions and Colonies overseas. The membership of the Allied Societies, as given in the current *Kalendar*, has now reached a total of 5,285, including 2,146 members of the Royal Institute. The membership of the Architectural Association is now 1,543, including 722 members of the Royal Institute. The membership of the Association of Architects, Surveyors and Technical Assistants is now 1,331, including 138 members of the Royal Institute.

**Assessors.** Since the issue of the last Annual Report the following Assessors have been appointed on the President's nomination :

Coventry : New Department at Stoke Council School—Mr. H. Alderman Dickman [F.]  
 Coventry : New Building for the Coventry and District Co-operative Society—Mr. Ernest C. Bewlay [F.]  
 Morecambe : Municipal Offices, etc.—Mr. Henry V. Ashley [F.]  
 Accrington : Extension of Town Hall and Municipal Buildings—Mr. Herbert J. Rowse [A.]  
 Hendon : Golf Club House—Mr. H. Chalton Bradshaw [A.]  
 Gunnersbury : Cemetery Chapel—Mr. H. P. Burke Downing, F.S.A. [F.]  
 Watford : New Municipal Buildings—Mr. E. Vincent Harris, O.B.E. [F.]  
 Newport, Mon. : Widening High Street and Market Street—Mr. Chas. F. Ward [F.]

**Arbitrators.** Since the issue of the last Annual Report the President has appointed the following members to act as Arbitrators in connection with building disputes :

Mr. Louis Ambler, F.S.A., F.I. Arb. [F.]	Mr. F. R. B. Haward [F.]
Mr. W. H. Atkin-Berry [F.]	Lt.-Col. P. A. Hopkins, O.B.E. [L.]
Major Harry Barnes [F.]	Mr. Francis Jones [F.]
Mr. Max Clarke [F.]	Mr. E. Bertram Kirby, O.B.E. [F.]
Mr. Heaton Comyn [F.]	Mr. E. C. P. Monson [F.]
Mr. W. E. V. Crompton [F.]	Mr. W. E. Riley [F.]
Mr. C. Fitzroy Doll [F.]	Mr. Henry A. Saul [F.]
Mr. H. B. Elkington [A.]	Mr. H. D. Searles-Wood [F.]
Sir Banister Fletcher, F.S.A. [F.]	Mr. J. Alan Slater [F.]
Mr. J. Leighton Fouracre [F.]	Mr. C. S. Thomas [F.]
Mr. J. Ernest Franck [F.]	Mr. Percy Thomas, O.B.E. [F.]
Mr. Gilbert Fraser [F.]	Mr. Percy B. Tubbs [F.]
Mr. F. T. W. Goldsmith [F.]	Mr. W. E. Watson [F.]
Mr. Hastwell Grayson [F.]	Mr. Herbert A. Welch [F.]
Mr. Josiah Gunton [F.]	

**Grants.** Since the issue of the last Annual Report the Council have made the following grants :—

Architectural Association . . . . .	£100	0	0
Architects' Benevolent Society . . . . .	100	0	0
British Engineering Standards Association . . . . .	100	0	0
British School at Athens . . . . .	5	5	0
British School at Rome . . . . .	100	0	0
British School at Rome, Faculty of Archaeology . . . . .	3	3	0
Burnley District Society of Architects (Books) . . . . .	15	0	0
Council for the Preservation of Rural England . . . . .	100	0	0
Devon and Cornwall Architectural Society (Books) . . . . .	15	0	0
Franco-British Union of Architects . . . . .	50	0	0
Hampshire and Isle of Wight Architectural Association (Books) . . . . .	20	0	0
Land Agents Society (Schedule of Uses of Native Timber) . . . . .	10	10	0
Royal Society of Arts (Architectural Decoration Scholarship) . . . . .	£20	0	0
Royal West of England Academy School of Architecture . . . . .	50	0	0
School of Architecture, Municipal School of Arts and Crafts, Southend. Recognised School Library . . . . .	10	0	0
School of Architecture, Royal West of England Academy. Recognised School Library . . . . .	20	0	0
School of Architecture, University of Sheffield. Recognised School Library . . . . .	20	0	0
Proposed School of Architecture, Belfast. Library . . . . .	50	0	0
Society for the Protection of Ancient Buildings. Special Bridges Fund . . . . .	100	0	0
Wittet Memorial Fund . . . . .	5	5	0

**The Royal Gold Medal.** This year the Medal is to be awarded to Mr. E. Guy Dawber, A.R.A., F.S.A., Past President. His Majesty the King has graciously signified his approval of the Award, and the Medal will be presented on 18 June 1928.

**Appointments.** During the Session the Council have made the following appointments of Members to represent the Royal Institute on the various bodies or for the purposes indicated :—

THE COUNCIL OF THE BRITISH SCHOOL AT ROME—Mr. H. M. Fletcher [F.]
PRESERVATION OF ANCIENT COTTAGES FUND COMMITTEE (ROYAL SOCIETY OF ARTS)—Mr. O. P. Milne [F.]
JOINT COMMITTEE ON ORGANIZATION AND COST OF THE BUILDING INDUSTRY—Mr. Herbert A. Welch [F.] and Mr. Harvey W. Corbett [F.]
ELEVENTH INTERNATIONAL CONGRESS OF ARCHITECTS, AMSTERDAM—Lt.-Col. H. P. Cart de Lafontaine [A.]
CONFERENCE OF PUBLIC LIGHTING ENGINEERS, BRIGHTON—Mr. J. L. Denman [A.]
CENTENARY CELEBRATIONS OF THE ROYAL TECHNICAL UNIVERSITY OF STOCKHOLM—Mr. H. T. Buckland [F.]
COMMITTEE OF THE CONFERENCE ON GARDEN PLANNING—Mr. Gilbert H. Jenkins [F.]
CENTENARY CELEBRATIONS OF THE INCORPORATION OF THE INSTITUTION OF CIVIL ENGINEERS—Mr. Walter Tapper, A.R.A. [F.]
JUBILEE CELEBRATIONS OF THE INSTITUTE OF CHEMISTRY—Mr. H. D. Searles-Wood [F.]
DEPUTATION TO THE LONDON COUNTY COUNCIL RE STATUTORY EXAMINATION FOR DISTRICT SURVEYORSHIP—Major Harry Barnes [F.], Mr. H. D. Searles-Wood [F.] and Mr. W. R. Davidge [F.]
COURT OF GOVERNORS, UNIVERSITY COLLEGE, HULL—Mr. John Bilson [F.]
DEPUTATION TO THE ROYAL COMMISSION ON LONDON SQUARES—Professor S. D. Adshead [F.] and Mr. Maurice E. Webb [F.]
UNIVERSITY OF LONDON ARCHITECTURAL EDUCATION COMMITTEE—Mr. H. M. Fletcher [F.] and Mr. L. Sylvester Sullivan [F.]
WORLD ENGINEERING CONGRESS, TOKIO—Dr. A. Kogure [H.C.M.]
CENTENARY CELEBRATIONS OF THE UNIVERSITY OF TORONTO—Mr. L. Sylvester Sullivan [F.]
NATIONAL ASSOCIATION FOR THE PREVENTION OF TUBERCULOSIS—Mr. Sydney Kitson [F.]

BRITISH ENGINEERING STANDARDS ASSOCIATION : CONFERENCE FOR TESTING MATERIALS—Mr. Alan E. Munby [F.] and Mr. G. N. Kent [L.J.]

COURT OF GOVERNORS OF THE UNIVERSITY OF SHEFFIELD—Mr. Robert Atkinson [F.]

EMPIRE FORESTRY ASSOCIATION : GOVERNING COUNCIL—Mr. H. D. Searles-Wood [F.]

BRITISH WATERWORKS ASSOCIATION : STANDING COMMITTEE ON WATER REGULATIONS—Mr. H. D. Searles-Wood [F.] and Lt.-Col. P. A. Hopkins [L.J.]

NATIONAL ILLUMINATION COMMITTEE OF GREAT BRITAIN SUB-COMMITTEE ON DAYLIGHT ILLUMINATION—Mr. Alan E. Munby [F.]

CONFERENCE OF CHARTERED PROFESSIONAL SOCIETIES—Sir Banister Fletcher [F.], Mr. E. Stanley Hall [F.], Mr. H. V. Lanchester [F.], Mr. H. D. Searles-Wood [F.] and Major Harry Barnes [F.]

ROYAL SANITARY INSTITUTE CONGRESS : PLYMOUTH—Mr. H. D. Searles-Wood [F.] and Mr. E. Stanley Hall [F.]

INTERNATIONAL HOUSING AND TOWN PLANNING CONGRESS, PARIS, 1928—Sir Banister Fletcher [F.], Mr. H. V. Lanchester [F.], Dr. Raymond Unwin [F.] and Lt.-Col. H. P. Cart de Lafontaine [A.]

COUNCIL FOR THE PRESERVATION OF RURAL ENGLAND : THAMES VALLEY BRANCH TECHNICAL COMMITTEE—Mr. Edward Warren [F.] and Mr. Michael Waterhouse [L.J.]

COUNCIL FOR THE PRESERVATION OF RURAL ENGLAND: COMMITTEE ON THE CONTROL OF PETROL PUMPS—Mr. E. Guy Dawber, A.R.A. [F.] and Professor S. D. Adshead [F.]

**Sessional Papers.** The following Papers have been read since the issue of the last Annual Report :—

"Architecture in North Africa," by Mr. Arthur J. Davis [F.]

"Foreign Hospitals," by Mr. Lionel C. Pearson [F.]

"Devonshire House Buildings," by Mr. Thomas Hastings [H.C.M.]

"The Government Offices of Pretoria and the New Delhi," by Sir Herbert Baker, A.R.A. [F.]

"Some Medical Aspects of Damp in Dwellings," by Dr. Reginald Miller, F.R.C.P., in conjunction with Mr. J. Ernest Franck [F.]

"Stone Preservation and Decay," by Professor A. P. Laurie, M.A., D.Sc., F.R.S.E. [Hon. A.]

"Ancient Bridges," by Mr. G. H. Jack, M.Inst.C.E., F.S.A. [F.]

"Health and Recreation Centres," by Mr. J. M. Easton [F.]

"The Work of Temple Moore," by Mr. H. S. Goodhart-Rendel [F.]

On 21 May a debate on "Modernism in Architecture" will be opened by Professor A. Beresford Pite [F.] and Sir Reginald Blomfield, R.A. [F.]

**Annual Conferences.** The British Architects' Conference of 1927 was held in London. There was a very satisfactory attendance of members from the Provinces, and the Conference was favoured by unusually fine weather. The Conference of 1928 will take place at Bath at the invitation of the Wessex Society of Architects. A very attractive and interesting programme is in process of preparation.

**The R.I.B.A. Prizes and Studentships.** The Deed of Award of the various Prizes and Studentships was presented to the Royal Institute at the general meeting on 9 January, when a criticism of the work submitted was read by Mr. L. Sylvester Sullivan [F.]. An exhibition of the drawings was held from 10 January to 23 January, in the R.I.B.A. Galleries, and was well attended. A selection of the Prize Drawings is now being sent round the Allied Societies for exhibition in various centres.

**Exhibitions.** The following Exhibitions have been held in the Galleries during the period under review :—

Modern British Architecture.

Drawings, rare books, etc., from the R.I.B.A. Library.

Architects' Working Drawings.

Designs by Students Exempted from the R.I.B.A. Intermediate and Final Examinations.

Designs submitted in Competition for the New League of Nations' building, Geneva.

R.I.B.A. Prizes and Studentships.

Premiated and commended Designs submitted in competition for the Birmingham Civic Centre.

Drawings by the late Alfred Stevens.

On the invitation of the Royal Victorian Institute of Architects, a collection of Architectural drawings, etc., illustrative of some of the best modern work in this country, was arranged and sent out to Australia for the International Architectural Exhibitions held in Melbourne and Sydney. The Exhibitions were highly successful, and messages have been received from Australia expressing the sincere appreciation and admiration of the high quality of the work submitted.

**Honours Conferred on Members.** It is gratifying to report that during the year the King has conferred a Knighthood upon Sir Richard Colin Allison, C.B.E., in recognition of his work at H.M. Office of Works. Honours have also been conferred upon Sir Frank Dicksee, P.R.A. [Hon. Fellow], Knight Commander Victorian Order; Sir Frank Baines [F.], Knight Commander Victorian Order; Sir Robert Lorimer, A.R.A., R.S.A. [F.], Knight Commander, Order of the British Empire; Mr. Walter Frederick Hedges [F.], Officer, Order of the British Empire (Civil Division); Mr. George Ernest Kendall [A.],

Member, Order of the British Empire (Civil Division); Mr. Herbert Ryle [A.], Member of the Victorian Order. It is with special pleasure that the Council noted the Award of the Albert Medal of the Royal Society of Arts to Sir Aston Webb, R.A. [F.], Past President, for "distinguished services to Architecture."

**The Annual Dinner.**

The Annual Dinner was held at the Hotel Cecil as a part of the Conference, and was made the occasion of the presentation of the Royal Gold Medal to Sir Herbert Baker, A.R.A. [F.]

**C.P.R.E.**

The Council have observed with pleasure the valuable work that has already been done by the Council for the Preservation of Rural England during its first year of existence. The generous co-operation of the Allied Societies has enabled a Panel Scheme to be established for the purpose of ensuring the proper working of the Housing (Rural Workers) Act. The Council desire to impress upon all architects and architectural organizations the importance of supporting the work of the C.P.R.E. by means of personal service and financial assistance.

**The R.I.B.A. Premises.** The New Premises Committee has been at work on this difficult problem since the issue of the last Annual Report. It is expected that at an early date a decision will be arrived at either as to the rebuilding of the existing premises or as to the sale of the existing premises and the erection of a new building on another site.

**The R.I.B.A. Business Meetings.**

The experiment of holding informal and confidential discussions at Business Meetings has made a successful start, but the value of this development will depend entirely on the extent to which it is supported by members generally.

**The Architects' etc., Defence Union.**

The Defence Union is now at work, and the Council wish to emphasize the value of the protection which membership confers upon practising architects and the importance of joining the Union without delay.

**The Shakespeare Memorial Theatre Competition.**

The Council observed with the greatest interest and pleasure the first important success in open competition by a woman-architect. The rapid increase in the number of women students and members since the war is perhaps the most notable of all recent developments in the profession.

**The Architecture Club.**

Having held the office of President of the Architecture Club since its foundation in the year 1922, Mr. J. C. Squire [Hon. A.] has retired in favour of Sir Lawrence Weaver [Hon. A.]. The profession is indebted to Mr. Squire for the services that he has rendered to the Art of Architecture during his tenure of the Presidency.

**Bequests.**

During the period under review the following important bequests have been received by the Royal Institute: (1) The residue of the estate of the late Alfred Charles Houston [A.], for the purpose of providing educational and maintenance scholarships for the sons of architects and artists in impecunious circumstances. (2) Five hundred pounds and a portion of the residuary estate of the late Charles William Hunt [A.], for providing prizes, etc., for the best plans, drawings, or designs in connection with Housing and Town Planning. (3) A portion of the residuary estate of the late Delissa Joseph [F.], for the foundation of a "Delissa Joseph Bursary" for the purpose of enabling students to visit the U.S.A. for architectural study.

**Gifts of Drawings.**

During the past year the following valuable and interesting collections of drawings have been generously presented to the Royal Institute:—

Alfred Stevens (*some 800 sketches*), presented by Mr. Sigismund Goetze.

William Burges' unexecuted competition design (9 strainers) for St. Mary's, Edinburgh, made in 1873, presented by Lady Harriett Lindsay at the suggestion of Mr. F. Inigo Thomas.

**Death of Mr. Northover.**

The death of Mr. George Northover, late Editor of the R.I.B.A. Journal, who was for many years a faithful servant of the Royal Institute, was deeply regretted by the Council and members generally.

**Mr. Charles Voysey and Captain Stanley Peach.**

During the current session the Council have had the pleasure of marking their appreciation of distinguished services to the Art of Architecture by two eminent men. Mr. Charles Annesley Voysey, who had recently attained his 70th birthday, was entertained at dinner in the Hall of the Painter-Stainers Company and presented with an address of congratulation.

Captain Stanley Peach [F.] was entertained at luncheon at the Burlington Hotel as a mark of appreciation

of the devoted and highly skilled work which he had done and is still doing as the representative of the Royal Institute on the St. Paul's Cathedral Preservation Committee.

**John Wood of Bath.** The President, the Earl of Crawford [*Hon. Fellow*], and many members of the Royal Institute, were present at Bath and took part in the Bicentenary Celebration of John Wood.

**Christmas Lectures for Children.** At the invitation of the Council Mr. C. H. B. Quennell [F.] and Mrs. Quennell delivered during the Christmas Holidays a series of three lectures for London school children. These lectures were remarkably successful and if the accommodation had been available, audiences five times as large would certainly have been present. The profession is greatly indebted to Mr. and Mrs. Quennell for the lead which they have given in this matter, and it is hoped that these lectures will, as at the Royal Institution and elsewhere, become a regular feature of the Christmas holidays, and that the example of London will be followed by the Allied Societies.

**The London Architecture Medal.** The London Architecture Medal for 1926 was awarded to Mr. Hubert Lidbetter [A.] for his building, "The Friends' House," in Euston Road and Endsleigh Gardens.

**The Incorporation of Architects in Scotland.** The Incorporation of Architects in Scotland have instituted a quinquennial award for Scotland, and in 1927 the R.I.B.A. Medal was awarded to Messrs. Watson and Salmond [F.F.] for the Glasgow Municipal Buildings Extension 1927.

The New Zealand Institute of Architects also adopted the principle of the Medal and requested the London Medal Jury to make the award. As a result, Mr. Stanley W. Fearn [A.] was awarded the Medal for his building, the William Booth Memorial College, Wellington.

**The C.P.I.A.** In view of the agreement reached in Paris at a meeting of the Comité Central des Congrès Internationaux des Architectes, held in February 1927, whereby it was unanimously agreed to dissolve the temporary organisation and revive the Comité Permanent International des Architectes as this existed in 1914, the Council approved of the reconstitution of the British Section of the C.P.I.A., and nominated delegates to represent the R.I.B.A. at the International Congress held at the Hague in August 1927.

**The Greater London Regional Planning Committee.** The Council noted with interest the appointment of the Greater London Regional Planning Committee of which Sir Banister Fletcher, F.S.A. [F.] has been appointed Chairman.

**The R.I.B.A. Travelling Cards.** Since the issue of the last Annual Report 81 Travelling Cards have been issued for the use of members and students visiting places of interest abroad; 66 Cards have been issued for use in the United Kingdom.

**The Henry Jarvis Trust.** The following statement has been received from the Trustees:—

"The Capital, mostly invested in Colonial Government Securities, was on 31 December, 1927, of the nominal value of £16,308 2s. 5d."

"The Income received during the year 1927 (including Income Tax refunded) amounted to £557 1s. 2d."

"The Bank Balance at the end of 1927 was £141 8s. 10d."

"The Income available for 1928 will therefore be this sum plus the dividends on investments received during the current year—less the Trustees' remuneration as per deceased's Will, and Law Costs, or any other necessary outgoings."

## REPORT OF THE BOARD OF ARCHITECTURAL EDUCATION

Since the beginning of the Session the Board have held three meetings, the Officers of the Board have held six meetings, the Examination Committee, the Schools Committee, and the Prizes and Scholarships Committee have held five, four, and four meetings respectively.

Mr. Henry M. Fletcher, M.A. (Cantab.), was elected Chairman, Mr. L. Sylvester Sullivan (Chairman of the Examinations Committee), Mr. Robert Atkinson (Chairman of the Prizes and Scholarships Committee), and Mr. Howard Robertson, S.A.D.G. (Chairman of the Schools Committee) were elected Vice-Chairmen, and Mr. W. H. Ansell, M.C., Hon. Secretary.

*Exemption from the Final Examination.*—The following Schools are now recognised, under the usual conditions, for exemption from the Final Examination :—

- The School of Architecture, Robert Gordon's Colleges, Aberdeen.
- The School of Architecture, Edinburgh College of Art.
- The School of Architecture, Glasgow.
- The School of Architecture, University of Liverpool.
- The School of Architecture, The Architectural Association, London.
- The Bartlett School of Architecture, University of London.
- The School of Architecture, University of Manchester.
- The School of Architecture, McGill University, Montreal.
- The School of Architecture, University of Sydney.

*Exemption from the Intermediate Examination.*—The following Schools are now recognised, under the usual conditions, for exemption from the Intermediate Examination :—

- The School of Architecture, Robert Gordon's Colleges, Aberdeen.
- The School of Architecture, Edinburgh College of Art.
- The School of Architecture, Glasgow.
- The School of Architecture, University of Liverpool.
- The School of Architecture, The Architectural Association, London.
- The Bartlett School of Architecture, University of London.
- The School of Architecture, University of Manchester.
- The School of Architecture, Birmingham.
- The School of Architecture, Royal West of England Academy, Bristol.
- The School of Architecture, University of Cambridge.
- The School of Architecture, The Technical College, Cardiff.
- The School of Architecture, Leeds College of Art.
- The School of Architecture, Leicester College of Arts and Crafts.
- The Department of Architecture, Surveying and Building, The Northern Polytechnic, London.
- The School of Architecture, Armstrong College, Newcastle-upon-Tyne.
- The Department of Architecture, University of Sheffield.
- The School of Architecture, Municipal School of Arts and Crafts, Southend-on-Sea.
- The School of Architecture, University of Sydney, Australia.
- The School of Architecture, McGill University, Montreal.
- The School of Architecture, University of Toronto.
- The School of Architecture, Sir J. J. School of Art, Bombay.

#### *The Prizes and Studentships, List of Winners.*

##### *Prizes for Design.*

- The Tite Prize.—Mr. Patrick McNeil [A.] (Glasgow School of Architecture).
- The Soane Medallion.—Mr. Leonard W. T. White [A.] (University of London).
- The R.I.B.A. (Henry Jarvis) Studentship at the British School at Rome.—Mr. H. T. Dyer (University of London).
- The Rome Scholarship.—Mr. R. P. Cummings (Architectural Association).

##### *Sketching and Measured Drawings Prizes.*

- The Royal Institute Silver Medal for Measured Drawings.—Mr. F. W. C. Adkins.

##### *Post-Graduate Prizes.*

- The R.I.B.A. (Alfred Bossom) Travelling Studentship.—Mr. Patrick Cutbush [A.] (Architectural Association).
- The Grissell Gold Medal.—Mr. Alfred G. Geeson [A.] (Leicester School of Architecture).
- The Royal Institute Silver Medal for an Essay.—Mr. Vernon Constable [A.]

##### *Other Prizes.*

- The R.I.B.A. Maintenance Scholarships.—A.G.B.I. Scholarship: Mr. J. F. D. Wyson. 4th and 5th Year Scholarship: Mr. C. J. Bartlett (Cardiff School of Architecture).
- The R.I.B.A. (Archibald Dawnay) Scholarships.—Mr. G. R. Beveridge (Architectural Association); Mr. W. G. Plant (University of Liverpool).
- The R.I.B.A. Silver Medal for Recognised Schools.—Mr. W. R. Brinton (Architectural Association).
- The R.I.B.A. Bronze Medal for Recognised Schools.—Mr. Allan Johnson (Leeds School of Architecture).
- The Ashpitel Prize.—Mr. J. G. Laskie (Glasgow School of Architecture).
- The R.I.B.A. (Howard Colls) Travelling Studentship at the Architectural Association.—Mr. A. G. Gibson.
- The R.I.B.A. (Henry Jarvis) Studentship at the Architectural Association.—Mr. R. W. Lloyd.
- The R.I.B.A. (Donaldson) Medal at the Bartlett School of Architecture, University of London.—Mr. A. C. Light.

*The Annual Conference of Teachers.*—On the 29 October 1927 the Board held a Conference of Teachers. For the first time invitations to the Conference were issued to the principals of the various Art Schools and Technical Institutions throughout the country teaching architecture. A discussion took place on a paper contributed by Professor A. E. Richardson on Architectural Education.

*Exhibition of Architects' Working Drawings.*—An Exhibition of Architects' Working Drawings was held in March 1928. The exhibition included drawings kindly lent by Mr. James Miller [F.], Mr. Louis de Soissons [F.], and Mr. Robert Atkinson [F.].

A special Students' Evening was held in connection with the exhibition. There was a satisfactory attendance of students, and the architects (or their representatives) whose drawings were exhibited kindly attended to explain special points of interest in their drawings.

*Commonwealth Fund Fellowships.*—The Board continue to keep in touch with the Committee of Award for the Commonwealth Fund Fellowships in order to secure a large proportion of first-class applicants in architecture.

*The R.I.B.A. Visiting Board.*—The Visiting Board for 1927-1928 was constituted as follows:—

Mr. L. Sylvester Sullivan (Chairman).	Mr. George Drysdale.
Mr. W. H. Ansell.	Mr. Henry M. Fletcher.

Mr. Martin S. Briggs, H.M.I., has accompanied the Visiting Board on its visits to those Schools of Architecture which have official relations with the Board of Education, Whitehall.

During the past year reports upon the following Schools have been forwarded to the respective Governing Bodies:—

- The School of Architecture, Birmingham.
- The School of Architecture, Leeds College of Art.
- The School of Architecture, Armstrong College, Newcastle-upon-Tyne.
- The School of Architecture, University of Sheffield.

The Board have received reports of the action taken by the following Schools, as a result of the reports of the Visiting Board:—

- The School of Architecture, Robert Gordon's Colleges, Aberdeen.
- The School of Architecture, Edinburgh College of Art.
- The School of Architecture, Glasgow.
- The School of Architecture, Birmingham.
- The School of Architecture, University of Cambridge.
- The School of Architecture, The Technical College, Cardiff.
- The School of Architecture, Leeds College of Art.
- The School of Architecture, Leicester College of Arts and Crafts.
- The School of Architecture, Municipal School of Arts and Crafts, Southend-on-Sea.

The reports from the Schools show that the suggestions made by the Visiting Board have been found very helpful, and that in practically all cases action has been taken on the recommendations of the Visiting Board.

During the Session the Chairman of the Visiting Board has paid visits on behalf of the Visiting Board to the Department of Architecture, McGill University, Montreal, to the Department of Architecture, University of Toronto, and to the Department of Architecture, University of Manitoba.

*Dominion Schools of Architecture.*—The Board are in communication with the R.I.B.A. Hon. Secretaries overseas with a view to setting up in each Dominion a Dominion Visiting Board, which will be able to assist the Board of Architectural Education by watching the progress of architectural education, visiting and inspecting the Schools of Architecture, and making recommendations to the Board on the applications for recognition for exemption from the R.I.B.A. Examinations.

*Conference between the Board and Teachers of Building Subjects.*—On the 26 July 1927 the Board held their third Conference with the representative Teachers of Building Subjects, who take annually a course in London arranged by the Board of Education, Whitehall.

The Conference was well attended, and a paper was read by Dr. R. E. Stradling (Director of Building Research, Department of Scientific and Industrial Research) on "Instruction in the Application of Science to Building Construction."

*Exhibitions of Designs of Students Exempted from the R.I.B.A. Intermediate and Final Examinations.*—The exhibitions were held in the R.I.B.A. Galleries in October and November. The designs were inspected by the Board and the exhibitions were subsequently opened to the public.

*R.I.B.A. Lectures on Architecture for Workers in the Building Trades.*—The Board have held a series of six lectures on Architecture for Workers in the Building Trades. The lectures were attended by a large number of representatives of the Building Trades.

Mr. L. Sylvester Sullivan has acted as Chairman throughout the series. The following have been the subjects and lectures:—

- "The Architect," by Mr. Martin S. Briggs [F].
- "Architecture of Provincial France," by Mr. Henry M. Fletcher [F].
- "The Architecture of Robert and James Adam," by Mr. Arthur Bolton [F].
- "House Building through the Centuries," by Mr. C. H. B. Quennell [F].
- "Bridges," by Sir E. Owen Williams, K.B.E.
- "General Building Materials," by Mr. J. H. Jarman (Superintendent of Works, H.M. Office of Works).

*The R.I.B.A. Maintenance Scholarships.*—In July 1927 the renewal was announced of five R.I.B.A. Maintenance Scholarships in Architecture, tenable at the Schools of Architecture recognised by the R.I.B.A. for exemption from its Examinations.

In September 1927 an announcement was made of the award of one R.I.B.A. 4th and 5th Year Maintenance Scholarship to enable a Scholar to complete the last two years of his School course qualifying for exemption from the Final Examination, except that portion relating to Professional Practice.

Satisfactory reports have been received of the progress made by these R.I.B.A. scholars.

Continuous efforts are made to increase the capital of the Maintenance Scholarships Fund. The R.I.B.A. Allied Societies have, wherever possible, given the fund their generous support.

*The Libraries of Schools of Architecture.*—On the recommendation of the Board the Council have again made a grant during the past year of £50 for the provision of additional studio text books for use by students of Schools which have an inadequate supply of such books. The Visiting Board, who have up-to-date information of the conditions of the libraries of the Schools, have applied this sum at their discretion.

*The Prizes and Studentships and Competitors in the Dominions Overseas.*—The Council, having in 1927 approved a scheme drawn up by the Board to enable competitors in the Dominions overseas to participate in the R.I.B.A. Prizes and Studentships, have made arrangements for the competitions in 1928 to include Dominion competitors.

It is hoped that there will be very keen competition.

*The Constitution of the Board of Architectural Education.*—The Council have invited the Association of Principals of Technical Institutions and the Association of Teachers in Technical Institutions each to nominate a representative to serve on the Board of Architectural Education.

*Testimonies of Study for the R.I.B.A. Examinations.*—During the past year the Board have continued the arrangement, made in 1927 with the Editor of *The Builder*, for examples of selected R.I.B.A. Testimonies of Study to be published in *The Builder*, from time to time, for the guidance of students preparing such Testimonies.

Through the courtesy of the Editor of *The Builder* the R.I.B.A. have been able to issue, free to students, reproductions of the illustrations.

These facilities have been appreciated highly by the students.

Students unsuccessful in the Testimonies of Study are furnished with a general criticism of their drawings.

*The Special Examination, Qualifying for Candidature as Associate.*—On the recommendation of the Board the Council have decided to abolish the Thesis required to be submitted by candidates for admission to the Special Examination. Candidates are now required to submit, in support of their applications as evidence of their general architectural knowledge and capabilities, examples of their work, accompanied by a detailed report, or reports. The report, or reports, are required to deal with the reasons for the selection of the site, its treatment, and a description of the building of which the report is the subject.

*The Distribution of Schools of Architecture Recognised by the R.I.B.A. for Exemption from its Examinations.*—In the early part of last Session the Board appointed a Special Committee composed of :

- The Officers of the Board of Architectural Education,
- Mr. T. R. Milburn (Chairman, Allied Societies' Conference),
- Mr. G. W. Alexander (Scottish Education Department),
- Mr. W. R. Davies (Board of Education),
- Mr. Robert Atkinson (Architectural Association),
- Mr. T. P. Bennett (Northern Polytechnic),
- Mr. H. Chalton Bradshaw,
- Mr. R. A. Dawson (Municipal School of Art, Manchester),
- Mr. J. R. H. Weaver (University of Oxford),

to consider and report upon the distribution of the Schools recognised by the R.I.B.A. for exemption from its Examinations, and the possibility of securing some greater measure of collaboration between the Board and the Art Schools, Technical Schools, and Polytechnics, teaching Architecture.

In July 1927 the Council, on the recommendation of the Board, approved the report of this Special Committee.

This report deals with the suggested distribution (*a*) of Schools recognised, or which may be recognised, for exemption from the R.I.B.A. Intermediate Examination only, (*b*) of Schools recognised, or which may be recognised, for exemption from the R.I.B.A. Intermediate and Final Examinations.

There are also included in the report measures for securing greater co-ordination between the R.I.B.A. and the Art Schools, Technical Schools, and Polytechnics, teaching Architecture. The most important of these measures is the recognition of approved Schools for exemption from the Testimonies of Study for the R.I.B.A. Intermediate Examination.

The Board are now dealing with applications for this degree of recognition.

The Council have decided to print the report on the Distribution of Schools of Architecture as a special R.I.B.A. paper.

*Competition for an Imaginative Scheme for an Aerodrome.*—Last Session the Council accepted an offer from the Gloucestershire Aircraft Company to give a prize of 200 guineas for a Students' Competition for an Imaginative Scheme for an Aerodrome.

The arrangements for the competition have now been completed and the announcements have been made.

A Jury has been appointed, consisting of :—

Sir Sefton Brancker, K.C.B.  
Mr. C. Cowles-Voysey.  
Mr. H. Vincent Harris.  
Sir Edwin Lutyens, R.A.

Major R. Mayo.  
Mr. T. S. Tait.  
Mr. Maurice E. Webb.  
Mr. G. E. Woods-Humphery.

The Competition will be conducted in two stages: a Preliminary Competition open to Associates, elected Students or registered Probationers of the R.I.B.A. who are below the age of 30 years and who can furnish a certificate from a responsible architect to the effect that they are *bona fide* students of architecture; and a Final Competition open to ten competitors selected from the Preliminary Competition.

It is hoped that this Competition will create great interest.

*Pupils in Architects' Offices and Membership of the R.I.B.A.*—The Board, acting with the R.I.B.A. Allied Societies, are taking steps to keep in touch with those who are entering the profession by means of pupilage.

*The Victory Scholarship Medal.*—Through the generosity of a former Member of the Society of Architects, a Silver Medal is now presented to the winner of the Victory Scholarship (founded in commemoration of the Members of the Society of Architects who fell in the War).

The Medal has been designed by Mr. E. B. O'Rorke, of the Architectural Association School of Architecture, and executed by Mr. Cecil Thomas.

*Registration as Probationer: List of Examinations Recognised.*—The Council have decided to exclude from the list the Junior (Honours) Local Examinations conducted under the authority of any University in the British Empire.

*Registration as Probationer: Subjects Required in the Recognised Examinations.*—On the recommendation of the Board, the Council have decided to make History and Geography alternative subjects.

The joint subject of Physics and Chemistry has been included in the list as one of the optional subjects.

*Registration as Probationer: Drawings Required.*—The Council have decided to require examples of drawing from the solid in addition to freehand drawing.

*Architectural Students and the Ethics of Practice in the Profession.*—The Board, acting with the Practice Standing Committee, have taken steps to ensure that students shall receive instruction in the Ethics of Professional Practice.

*The Studentship R.I.B.A.*—On the recommendation of the Board, the Council have decided that an elected Student R.I.B.A. shall only hold the Studentship as long as he is a *bona fide* student of Architecture and is not engaged in other occupations.

*R.I.B.A. Prize Winners.*—The Council have decided to present certificates to the following R.I.B.A. Prize Winners :—

- The R.I.B.A. (Henry Jarvis) Student at the British School at Rome.
- The R.I.B.A. (Archibald Dawnay) Scholars.
- The R.I.B.A. (Anderson and Webb) Scholar at the School of Architecture, University of Cambridge.
- The R.I.B.A. (Henry Jarvis) Student at the Architectural Association.
- The R.I.B.A. (Howard Colls) Travelling Student at the Architectural Association
- The R.I.B.A. (Donaldson) Medallist at the Bartlett School of Architecture, University of London.
- The R.I.B.A. Maintenance Scholars.

*The Arthur Cates Prize.*—The Charity Commissioners, on the application of the Council, have approved an amended scheme for the Arthur Cates Prize. This scheme provides for the offer of an annual Prize for the promotion of the study of Architecture, more especially in relation to the application of geometry to vaulting, etc. (*i.e.*, the object especially indicated by the founder), with a proviso that if in any year, either owing to absence of competitors or the fact that no work of sufficient merit is submitted, no prize is awarded, then in the following year the Prize shall be offered in connection with some other architectural subject, *e.g.*, Town Planning.

The scheme also provides that the income of the Charity unexpended in any year should be added to the Capital endowment, so that the value of the annual Prize might ultimately be enlarged.

*The Henry Saxon Snell Prize.*—In 1927 the Board received a suggestion from Mr. Alfred Saxon Snell that, in view of the apparent lack of interest in the Prize, consideration might be given to the possibility of amalgamating it with that offered by the Architectural Association in the hope that a more valuable prize would secure a keener competition.

The Councils of the R.I.B.A. and the Architectural Association have now approved a scheme for the institution of a Henry Saxon Snell Scholarship, to be offered in alternate years and administered by a joint committee of the R.I.B.A. and the Architectural Association, the income of the two funds being amalgamated for the purpose of providing the Scholarship Fund.

*The R.I.B.A. Travelling Card.*—The Board have prepared a Précis of information received from the R.I.B.A. Honorary Corresponding Members with reference to the regulations for sketching and measuring public buildings in various countries in Europe.

The Précis is printed on the Travelling Card and in the R.I.B.A. Kalendar. Copies have been sent to the Allied Societies and the Recognised Schools.

*R.I.B.A. Examinations in Canada.*—The Council have approved a scheme drawn up by the Board whereby the R.I.B.A. Examinations will be held at several centres in Canada instead of at only one centre.

*List of Official and Other Publications.*—The Board, feeling that there is a need for technical information in connection with design for specific buildings, have compiled a list of Official and other Publications.

Copies of the list have been sent to the Recognised Schools, and it has been decided to print it in the R.I.B.A. Kalendar.

*The Schools Committee of the Board.*—At the conclusion of the meetings of the Schools Committee, informal discussions have taken place on various subjects of general interest to teachers.

*R.I.B.A. Examinations.*—The Board, acting with the Allied Societies, are taking special steps to improve the standard of architectural education reached by students presenting themselves for the examinations.

*Problems in Design and Testimonies of Study.*—During the year ending 29 February 1928, 231 designs have been considered and 183 have been approved.

*Registration as Probationer.*—During the year ending 29 February 1928, 851 Probationers have been registered.

*The Intermediate, Final and Special Examinations.*—The Intermediate Examination has been held twice in England, twice in South Africa, and once in Australia.

The Final and Special Examinations have been held twice in England, four times in Australia, and once in Canada.

For the purpose of comparison, the Examination results, as published in the Annual Report of the Board, 1926-1927, are given in brackets :—

INTERMEDIATE EXAMINATION—England	Examined.	Passed.	Relegated.	Percentage Passed.
" " South Africa	176 (163)	61 (87)	115 (76)	35 (53)
" " Australia	8 (5)	5 (3)	3 (2)	62 (10)
" " Passed in Recognised Schools	4 (6)	3 (1)	1 (5)	75 (17)
" " Special Exemptions		147 (126)	10 (—)	

SPECIAL EXAMINATION FOR FORMER MEMBERS OF THE SOCIETY OF ARCHITECTS FOR ELECTION TO ASSOCIATESHIP.

Examined.	Passed.	Relegated.	Percentage Passed.
5 (8)	3 (7)	2 (1)	60 (88)

FINAL AND SPECIAL EXAMINATIONS—

England	Examined.	Passed.	Passed.	Relegated.	Percentage Passed.
	119 and 13 Part 1 only and 5 Part 2 only	(124 and 10 Part 1 only and 3 Part 2 only)	51 and 7 Part 1 only	(74 and 8 Part 1 only and 2 Part 2 only)	79* (53*)
South Africa	—	(8)	—	(6)	— (2) — (75)
Australia	6	(—)	2	(—)	4 (—) 33 (—)
Canada	1	(2)	1	(2)	○ (○) 100 (100)
Singapore	—	(1)	—	(1)	— (○) — (100)
Passed in Recognised Schools			80	(58)	

\* Two candidates who were not British Subjects took the Examination for the purpose of obtaining certificates.

226 Students have, therefore, been added to the Register during the year ending 29 February 1928, and 134 have received exemption from or passed the Final (or Special) Examination qualifying for the Associateship.

At the Examination for the R.I.B.A. Diploma in Town Planning, two candidates were examined and both were relegated.

At the Statutory Examination for candidature as District Surveyor in London, twelve candidates were examined and five passed.

At the Examination for Building Surveyors under Local Authorities, two candidates were examined and one passed.

The attendance of R.I.B.A. Members at the meetings of the Board and the Schools, Examinations, and Prizes and Scholarships Committees is as follows :—

BOARD OF ARCHITECTURAL EDUCATION (3 Meetings).		
No. of Attendances.	No. of Attendances.	
Joseph Addison	2	Francis Jones.
W. H. Ansell	3	Arthur Keen.
Robert Atkinson	3	S. D. Kitson.
Hope Bagenal	1	H. V. Lanchester.
*Harry Bannister	1	T. R. Milburn.
John Begg	—	Alex. McGibbon.
T. P. Bennett	1	A. H. Moberly.
Sir Reginald Blomfield	—	George Nott.
H. Chalton Bradshaw	—	W. S. Purchon.
Walter Cave	1	Professor C. H. Reilly.
A. J. Davis	—	Professor A. E. Richardson.
Professor A. C. Dickie	1	Howard Robertson.
Henry M. Fletcher	3	R. Leslie Rollo.
W. Curtis Green	—	Sir Giles Gilbert Scott.
E. Stanley Hall	2	L. Sylvester Sullivan.
H. St. John Harrison	2	Walter Tapper.
J. Stockdale Harrison	1	Percy Thomas.
William Harvey	3	Michael Waterhouse.
T. Harold Hughes	3	Maurice E. Webb.
Gilbert H. Jenkins	1	

\* Appointed March 1928.

## SCHOOLS COMMITTEE (4 Meetings).

	No. of Attendances.		No. of Attendances.		
Joseph Addison	.	3	T. Harold Hughes	.	3
W. H. Ansell	.	—	S. D. Kitson	.	—
Robert Atkinson	.	—	T. Alwyn Lloyd	.	1
John Begg	.	1	D. N. Martin-Kaye	.	4
T. P. Bennett	.	3	George Nott	.	2
M. S. Briggs	.	3	W. S. Purchon	.	4
Professor L. B. Budden	.	2	Professor C. H. Reilly	.	1
S. B. Caulfield	.	4	Professor A. E. Richardson	.	4
Professor A. C. Dickie	.	1	Howard Robertson	.	4
George Drysdale	.	3	L. Sylvester Sullivan	.	—
Henry M. Fletcher	.	—	Michael Tapper	.	4
D. Theodore Fyfe	.	1	F. N. Weightman	.	—
G. D. Gordon Hake	.	4	R. G. Wilson	.	1
H. St. John Harrison	.	—			

## EXAMINATIONS COMMITTEE (5 Meetings).

	No. of Attendances.		No. of Attendances.		
W. H. Ansell	.	4	E. B. Maufe	.	2
Robert Atkinson	.	—	Hon. H. A. Pakington	.	4
*H. C. Avery	.	1	A. R. Powys	.	2
Walter Cave	.	2	Howard Robertson	.	—
†H. W. Chester	.	1	H. D. Seales-Wood	.	—
W. R. Davidge	.	—	Louis de Soissons	.	2
Arthur J. Davis	.	—	L. Sylvester Sullivan	.	4
Professor A. C. Dickie	.	—	A. J. Taylor	.	1
Henry M. Fletcher	.	—	W. Harding Thompson	.	4
Arthur Keen	.	2	Dr. Raymond Unwin	.	2
H. V. Lanchester	.	2			

\* Appointed February 1928. † Resigned January 1928.

## PRIZES AND SCHOLARSHIPS COMMITTEE (4 Meetings).

	No. of Attendances.		No. of Attendances.		
W. H. Ansell	.	—	G. B. Imrie	.	2
Robert Atkinson	.	3	C. H. James	.	2
John Begg	.	—	E. R. Jarrett	.	4
H. Chalton Bradshaw	.	1	J. S. Kelsall	.	3
M. S. Briggs	.	3	F. Winton Newman	.	—
L. H. Bucknell	.	2	Howard Robertson	.	—
Eustace H. Button	.	3	J. C. Shepherd	.	2
E. R. F. Cole	.	3	J. Alan Slater	.	1
W. B. Edwards	.	2	L. Sylvester Sullivan	.	—
Henry M. Fletcher	.	—	John B. Surman	.	4
P. D. Hepworth	.	2	Trenwith Wills	.	3

## OFFICERS OF THE BOARD OF ARCHITECTURAL EDUCATION (6 Meetings).

	No. of Attendances.		No. of Attendances.		
Henry M. Fletcher	.	5	L. Sylvester Sullivan	.	3
Robert Atkinson	.	2	W. H. Ansell	.	5
Howard Robertson	.	5			

## REPORT OF THE ART STANDING COMMITTEE

Since the publication of the last Annual Report, the Committee have held 9 meetings. The attendance of members at the 7 meetings held during this Session has been as follows :—

	No. of attendances.		No. of attendances.		
R. F. G. Aylwin	.	3	*Claude St. J. G. Miller	.	5
H. Chalton Bradshaw	.	3	Oswald P. Milne	.	3
Leonard H. Bucknell	.	3	F. Winton Newman	.	4
*Sir John J. Burnet	.	0	Hon. H. A. Pakington	.	5
H. P. Burke Downing	.	4	S. C. Ramsey	.	2
R. A. Duncan	.	2	J. C. Shepherd	.	2
H. S. Goodhart-Rendel	.	6	Louis de Soissons	.	5
P. D. Hepworth	.	2	A. S. Soutar	.	3
Charles H. Holden	.	6	Francis R. Taylor	.	7
*C. H. James	.	3	W. Harding Thompson	.	6
*Gilbert H. Jenkins	.	2	Francis T. Verity	.	5
Arthur Keen	.	4	*G. G. Wormum	.	6

\* Marked thus were appointed after the first meeting of the Committee. Possible attendances 6

The following Officers were elected for the Session 1927-1928 : Chairman : Mr. H. S. Goodhart-Rendel ; Vice-Chairman : Mr. Arthur Keen ; Hon. Secretaries : Mr. G. G. Wornum and Mr. Claude St. J. G. Miller.

*Work of the Committee.*—Members of the Committee were circularised for suggestions as to increasing the scope of the Committee's work and many valuable suggestions were received. These were tabulated, and a definite programme of work has now been decided upon.

(a) *Exhibitions.*—The Committee have been entrusted by the Council with the responsibility of arranging Exhibitions in the Institute Galleries and have given the matter serious consideration. In view of the limited financial resources at their disposal for this purpose they have received the approval of the Council to a recommendation that no Exhibition should be held this year, but that an Exhibition should take place in the Spring of 1929.

It has been decided that this shall take the form of an International Exhibition of Modern Commercial Architecture (with a British Section).

It was further decided that from time to time, as could be arranged, the Institute Galleries should be used for the display of collections of drawings that would entail no capital expenditure, and that the first of these displays should take place next October and consist of black and white and water colour drawings by members of the R.I.B.A.

Proposals were made for an Exhibition of Modern Furniture Design to be held in the Autumn of this year, but for financial reasons it has been found impracticable to arrange this, but it is hoped to hold such an Exhibition late in 1929 or early in 1930.

(b) *London Architecture Medal Jury.*—At the termination of the present period of office of the London Architecture Medal Jury, the duties of the Jury will be taken over by the Committee. The Committee will have power to co-opt laymen and representatives of the authorities at present represented on the Jury.

(c) *Preservation of Old Buildings.*—In view of the many and various matters which require the consideration of the Committee a policy has been adopted of referring matters relating to the preservation of old buildings to the bodies which are primarily concerned with this object. Under this heading the Committee have had before them the following cases : The Old Church Stanmore ; Newcastle House, Lewes ; Stratford Place ; the Abbott's Kitchen Grounds, Glastonbury ; Gladney House, Kirkcaldy ; Santa Sophia, Constantinople ; St. Mary's Church, Greenwich ; Rous Lench Court, Evesham ; Dorchester House ; and they have made recommendations to the appropriate Societies.

*Council for the Preservation of Rural England.*—During the past year the Committee have been in close touch with the C.P.R.E. The Committee have advised the C.P.R.E. on matters referred by them to the Committee, particularly on the subject of rural housing.

*Photographic Record of R.I.B.A. Exhibitions.*—At the request of the Board of Architectural Education, the Committee have formulated a scheme for providing a permanent record by means of photographs of R.I.B.A. Exhibitions, such records to be preserved in the Library, the selection of the exhibits to be photographed to be undertaken by the Committee. So far, the scheme has not been put into operation owing to the heavy cost involved, but the matter is now under consideration by the Finance and House Committee.

*London Architecture Medal Tablet.*—At the request of the Council, the Committee have dealt with the design of the tablet to be affixed to buildings awarded the London Architecture Medal, and it has been decided that a large scale replica of the London Architecture Medal executed in lead should be adopted for this purpose.

*Craftsmanship in Stone and Wood Carving.*—A memorandum from the Wood and Stone Carvers of London was submitted through the Architects' and Operatives' Consultation Board asking for greater encouragement in the crafts of wood and stone carving, and suggesting a conference to discuss the various suggestions put forward in the memorandum. A small Sub-Committee was appointed for this purpose, and preliminary meetings have been held with representatives of the craftsmen.

*International Congress, Amsterdam.*—Amongst the subjects discussed at this Congress which was held in September, 1927, was that of "The Artistic Development of Architectural Design in England since

1900," and the Committee furnished material for the use of Lieut.-Col. H. P. Cart de Lafontaine, the Institute delegate at the Congress.

*The Alfred Stevens Drawings.*—In connection with the kind offer of Mr. Sigismund Goetze to present to the Institute, drawings in ink, pencil, and colour by Alfred Stevens, representatives of the Art and Literature Standing Committees, at the invitation of Mr. Goetze, paid a visit to his house to make a selection of the drawings for this purpose. The very cordial thanks of members are due to Mr. Goetze, for giving the Institute the opportunity of adding these interesting drawings to its collection.

*The Design of Village Halls.*—The National Council of Social Service have asked for the assistance of the Committee in the preparation of a pamphlet for the guidance of Local Authorities in connection with the design and erection of village halls. A small Sub-Committee has been appointed, and is working in co-operation with the National Council of Social Service in the preparation of this pamphlet.

*R.I.B.A. Visits.*—It was decided that in future these visits should be combined with those of the Architectural Association ; that they should be arranged by a Joint Committee consisting of three members of the Art Standing Committee, and three members of the Council of the Architectural Association ; that Mr. Yerbury should act as Secretary to the above Committee, and that any expenditure incurred should be borne equally by both bodies.

*Smoke Abatement.*—The Art Committee have appointed a representative to serve on a Sub-Committee of the Science Standing Committee dealing with the question of smoke abatement.

*Standard Sizes of Bricks.*—The Art Committee have appointed a representative to serve on a Sub-Committee of the Science Standing Committee which is investigating this subject. The Art Committee have prepared a memorandum of their views for the consideration of the Sub-Committee.

*The Design of New Bridges.*—The Committee have had their attention drawn to the design of certain new bridges which are aesthetically unsuitable to their surroundings, and on their recommendation, the Council have made representations to the Minister of Transport urging that the designs for all new bridges should be submitted to the Royal Fine Art Commission for approval.

## REPORT OF THE LITERATURE STANDING COMMITTEE

Since the publication of the last Annual Report, the Committee have held 9 meetings. The attendance of members at the 7 meetings held during the Session has been as follows :—

	No. of Attendances.		No. of Attendances.
Louis Ambler	7	H. M. Fletcher	3
W. H. Ansell	1	D. Theodore Fyfe	3
M. S. Briggs	4	Prof. F. S. Granger	3
Prof. L. B. Budden	0	A. E. Henderson	6
*A. S. G. Butler	3	E. M. Hick	7
*Walter Cave	3	*Miss E. K. D. Hughes	6
Major H. C. Corlette	5	H. C. Hughes	5
C. Cowles-Voysey	2	S. D. Kitson	4
Capt. W. T. Creswell	7	A. H. Moberly	6
*J. Murray Easton	3	Basil Oliver	5
*F. C. Eden	1	C. S. Spooner	4
A. Trystan Edwards	1	G. B. Tubbs	7

\* Marked thus were appointed by the Council after the first Meeting of the Committee. Possible attendances 6.

The following were elected the officers of the Committee :—Chairman : Mr. S. D. Kitson ; Vice-Chairman : Mr. Louis Ambler ; Hon. Secretaries : Mr. M. S. Briggs and Mr. G. B. Tubbs.

*Smithson Drawings.*—These drawings, purchased last session (see Literature Committee report, 1926-27), have for their better preservation been mounted in sunk mounts and stored in specially constructed boxes.

*Association of Special Libraries and Information Bureau.*—The Literature Committee recommended that the Royal Institute should subscribe two guineas a year to this Association, as it is engaged in co-ordinating the work of specialised Research Libraries. Mr. Moberly was appointed to represent the R.I.B.A. on the Council of the Association.

*Presentations.*—The presentation recently of some 800 sketches by Mr. Sigismund Goetze, the well-known painter, is a valuable accession to the library. An account of these drawings by Mr. A. S. G. Butler [F.] was published in the R.I.B.A. Journal for 26 November 1927. A selection of them provided an interesting exhibition in the Institute Galleries from 28 February to 8 March.

Another presentation of interest was the set of nine strainers of William Burges' unexecuted competition design for St. Mary's Cathedral, Edinburgh, made in 1873, by Lady Harriett Lindsay; these also were exhibited in the Galleries.

Among the books presented was a work on the Erechtheum, measured, drawn, and restored by Gorham Phillips Stevens, and published for the American School of Classical Studies at Athens.

*Books Purchased.*—The most important purchases of the year are H. Repton's *Fragments on the Theory and Practice of Gardening*, 4th Edition, 1816, and M. Tesi's *Raccolta di disegni Originali*. The latter volume is specially interesting as we have some half-dozen examples of the drawings of this artist in the Library.

*Dominion Allied Societies and the R.I.B.A.*—Major Corlette suggested that steps should be taken to provide members of the Institute in the Dominions with opportunities of seeing Exhibitions of good measured drawings of English work, especially those which show details of old English traditional architecture. The President, Mr. Guy Dawber, was present, and supported the proposal in principle, and a Sub-Committee was formed and made the following recommendations:—

1. A loan collection of original drawings be sent periodically to the Dominions. The first to be sent in 1928 to Australia. The works should be sufficiently varied to interest the general public.

2. An estimate of cost be prepared by the R.I.B.A. with suggestions as to the methods of procedure and meeting the expenses, etc., involved. In this connection it was suggested that a letter should be sent to Mr. Martin Hardie, the Keeper of Prints and Drawings at the Victoria and Albert Museum, suggesting that some of the drawings from the Phené Spiers collection of architectural drawings, which were recently removed from the walls of the Museum, might form the basis of such a travelling exhibition.

A letter was received from Mr. G. H. Palmer, for the Director, stating that under the conditions upon which the drawings were deposited at the Museum, it would not be possible to allow them to leave the premises for the time necessary for such an Exhibition.

*British Architects Conference, June 20 to 28. Exhibition of Books, etc., in the Institute Galleries.*—A Sub-Committee assisted in the hanging of the drawings and the display of the books in the Institute Galleries; show-cases were obtained, and a selection of the rare volumes and drawings were exhibited; many members also acted as Stewards during the Exhibition. A selection of modern books was also shown. The Exhibition was considered a great success.

*Hon. Associate.*—Mr. Beresford Chancellor's name was recommended to the Council for election as Honorary Associate.

*Library Insurance.*—The question of the insurable value of the R.I.B.A. Library was raised, and a Sub-Committee reported and recommended that the insurance be increased by £4,000. This recommendation was forwarded to the Council and was approved.

*Storage of Valuable Drawings.*—The Librarian having reported that the present storage was neither adequate nor fireproof, a suggestion was considered for constructing a fireproof store in a recess in the Accountant's Room. This was found to be feasible and the work is being put in hand.

*National Book Council.*—The short bibliography of architecture, prepared by the Literature Committee for the National Book Council, for distribution to members of the bookselling trade, was revised to date.

*Sessional Papers.*—The Committee have made a number of suggestions for Sessional Papers for the next Session.

*Catalogue of Rare Architectural Drawings in Private Ownership.*—Mr. Alfred Booth [A.] suggested that a catalogue should be compiled of all architectural drawings in public and private collections. It was considered that, although desirable, it was not a task that could be undertaken by the R.I.B.A., which has neither the funds nor the staff available, but that it might be done by a public authority.

*Dorchester House.*—A suggestion has been made that as there is every possibility that Dorchester House may shortly be pulled down, the R.I.B.A. should arrange for the preparation of a monograph of this building. The suggestion was approved and a resolution to this effect was forwarded to the Council.

**The Librarian reported to the Committee as follows :—**

During the twelve months ending 31 March of the present year 240 volumes and 56 pamphlets have been added to the Library, exclusive of periodicals, reports, Transactions of Societies, and parts of works issued in serial form. The number of works presented was 73 volumes and 39 pamphlets, of which 23 volumes were added to the Loan Library. Works purchased numbered 167 volumes and 17 pamphlets, of which 51 volumes were added to the Loan Library. The attendance of readers in the Library numbered 9,366. The number of books issued on loan (including re-issues) was 8,712. This total includes 1,019 books sent through the post. The number of tickets issued for admission to the Library other than to Members of the Institute or Students or Probationers was 188.

The principal acquisitions during the year (in addition to those mentioned in the Committee's report) were : Acharya, *Indian Architecture According to Manasara-Silpasastrā*; Anderson, *Architecture of the Renaissance in Italy*, new edition revised by Arthur Stratton; Anderson and Spiers, *Architecture of Greece and Rome*, new edition—Vol. 1, *Greece*, by W. B. Dinsmoor, Vol. 2, *Rome*, by Dr. Thomas Ashby; Bankart, *Modern Plasterwork Design*; Bennett, *Architectural Design in Concrete*; Bosc, *Dictionnaire Raisonné d'Architecture*, 4 Vols., 1878; Bolton, *The Portrait of Sir John Soane (1753-1837) set forth in Letters from his friends*; Boswell, *Historical Description of Views and Antiquities of England, Wales, Scotland and Ireland*, with a complete set of county maps, 1786; Briggs, *The Architect in History*; Brown, *S. Maria Novella, Florence*; Bury, *Modèles de Serrurerie* [1826]; Bury et Crussière, *Modèles de Menuiserie* [1825]; Chancellor, *Disappearing London*; Colas, *Le Style Gothique en France*; Colas, *Le Style Roman en France*; "Country Life," *The Modern English Garden*; "Country Life," *The Modern English House*; De Soissons and Kenyon, *Site Planning at Welwyn Garden City*; Dostal and Sima, *Baroque Architecture of Prague*; Eiditz, *Medals and Medallions Relating to Architects*; Esdaile, *English Monumental Sculpture of the Renaissance*; Faber, *Constructional Steelwork Simply Explained*; Ferrari, *L'Architettura Rusticana nell'Arte Italiana*; Ferrari, *La Terracotta e Pavimenti in Laterizio nell'Arte Italiana*; Fisker and Yerbury, *Modern Danish Architecture*; Harbeson, *The Study of Architectural Design*; Haupt, *Geschichte der Renaissance in Spanien und Portugal*; Haupt, *Palast-Architektur, Toscana*, Vol. 2; Hauteceur, *Le Louvre et les Tuilleries*; Knight, *The Public Health Acts*; Lastevrie, *L'Architecture Religieuse*, 2 Vols.; Le Corbusier, *Towards a New Architecture* (translation by F. Etchells); Lukomskij, *Kiev*; Macquoid and Edwards, *Dictionary of English Furniture*, 3 Vols.; Millar, *Plastering, Plain and Decorative*, 4th edition, edited by G. P. Bankart; Nicholl, *The Development of the Theatre*; Normand, *Recueil Varié de Plans et de Façades*, 1831; Platz, *Die Baukunst der Neuesten Zeit*; Poley, *St. Paul's Cathedral, Measured, Drawn and Described* by A. F. E. Poley; Raffles Davison, *A Record of His Life and Work from 1870-1926*; Reagan, *American Architecture of the 20th Century*; Royal Commission on Historical Monuments, *East Lothian*; Russell, *Architecture*; Sexton and Betts, *American Theatres of To-day*; Sherrill, *Stained Glass Tours in Germany*; Tipping, *English Homes—Late Tudor and Early Stuart*, Vol. 2; Viollet-le-Duc, *Mural Paintings in the Chapels of Notre Dame, Paris*; Voss and Varney, *Architectural Construction*, Vol. 2, Book 2; Ward, *Architecture of the Renaissance in France*, new edition; Wattjes, *Moderne Architectuur*; Weigall, *Wanderings in Anglo-Saxon Britain*; Whittlesey, *Minor Architecture of Southern Spain*.

## REPORT OF THE PRACTICE STANDING COMMITTEE

Since the publication of the last Annual Report the Committee have held 10 meetings.

The attendance of members at the 8 meetings held during this Session has been as follows :—

	No. of Attendances.		No. of Attendances.
Henry V. Ashley . . . . .	7	G. H. Lovegrove . . . . .	5
F. R. Betenson . . . . .	6	*E. C. P. Monson . . . . .	7
Frederick Chatterton . . . . .	7	D. Barclay Niven . . . . .	6
Horace Cubitt . . . . .	5	Captain A. Seymour Reeves . . . . .	6
J. W. Denington . . . . .	4	W. Gillbee Scott . . . . .	6
G. Leonard Elkington . . . . .	3	J. Alan Slater . . . . .	5
H. V. Milnes Emerson . . . . .	6	J. C. S. Soutar . . . . .	7
*Sir Banister Fletcher . . . . .	5	Sydney Tatchell . . . . .	7
G. Hastwell Grayson . . . . .	5	Percy E. Thomas . . . . .	3
W. H. Hamlyn . . . . .	5	*W. E. Watson . . . . .	6
*E. Bertram Kirby . . . . .	6	*Herbert A. Welch . . . . .	6
H. Lidbetter . . . . .	6	Charles Woodward . . . . .	7

\* Marked thus were appointed after the first meeting of the Committee. Possible attendances 7.

The following were elected the officers of the Committee :—Chairman, Sir Banister Fletcher; Vice-Chairman, Mr. Herbert A. Welch; Hon. Secretaries, Mr. W. E. Watson and Mr. F. Chatterton.

The following Sub-Committees were appointed, the officers of the Practice Standing Committee being *ex-officio* members of all Sub-Committees :—

(a) *Charges and Contracts*.—This Sub-Committee were re-appointed as follows :—H. V. Milnes Emerson, Sir Banister Fletcher, Frederick Chatterton, E. C. P. Monson, J. C. S. Soutar, W. E. Watson, Herbert A. Welch, Charles Woodward.

The Sub-Committee of which Mr. E. C. P. Monson and Mr. G. H. Lovegrove were elected Chairman and Hon. Secretary respectively, have only held one meeting this Session. Recently the Council have appointed a Special Committee to consider and report on the working of the existing Scale of Charges.

and several matters have been referred to them which normally would have come before the Charges and Contracts Sub-Committee.

*The Cubing of Buildings.*—The Sub-Committee prepared a memorandum on standard methods of measurement for the cubing of buildings and, with the approval of the Practice Standing Committee, this was published in the JOURNAL of 17 September 1927, when members were requested to adopt these methods and send in particulars of the costs of recent buildings based upon them in order that data regarding different types of buildings might be received and tabulated for publication.

It is noted with regret that returns have not been sent in by members in sufficient numbers to warrant the production of any figures, and it is hoped, as requested in the JOURNAL of 25 February 1928, that returns may be received in greater numbers on the basis drawn up by the Sub-Committee.

(b) *Parliamentary.*—This Sub-Committee were re-appointed as follows:—Frederick Chatterton, Horace Cubitt, G. Leonard Elkington, Sir Banister Fletcher, Captain A. Seymour Reeves, W. E. Watson, Herbert A. Welch.

Mr. W. E. Watson, one of the Hon. Secretaries of the Practice Standing Committee, has perused the Bills submitted by the Parliamentary Agents. No Bill has raised any points of sufficient consequence to warrant the meeting of the Sub-Committee.

In the case of clauses of the Bills of Local Authorities, which in any way affect the profession, the matters have been referred to the Allied Societies concerned for the necessary action to be taken.

(c) *Law of Ancient Lights.*—This Sub-Committee, which have met on one occasion, were re-appointed as follows:—Sir Banister Fletcher, Frederick Chatterton, E. C. P. Monson, D. Barclay Niven, Sydney Tatchell, W. E. Watson, Herbert A. Welch, Charles Woodward.

The propositions referred to in the last Annual Report for the amendment of material clauses of the Prescription Act of 1832 have been further discussed with representatives of the Surveyors' Institution and representatives of the Royal Institute, and the Surveyors' Institution have conferred with the President and Council of the Law Society and have made proposals which are still under consideration by the Law Society.

Constructive proposals have been made to this Sub-Committee by Mr. Percy J. Waldram [L.] and these are under consideration.

*Professional Defence Union.*—This Sub-Committee have now ceased to function, as the Architects' Defence Union is a complete entity with its registered offices at 28 Bedford Square. Articles of Association were prepared by Messrs. Ball & Redfern of 10 Gray's Inn Place, the Advisory Solicitors to the Union, which was duly incorporated on 24 June 1927.

It cannot be too strongly emphasised that the Royal Institute is responsible for the founding of this Union as a defence organization for the benefit of architects, surveyors, and engineers, in protecting them against claims in law and assisting in the recovery of the recognised charges.

The Chairman of the Practice Standing Committee, Sir Banister Fletcher, is also Chairman of the Union.

*The Instruction of Architectural Students in the Ethics of Practice of the Profession.*—The Committee note with satisfaction that the suggestions made by representatives of the Committee on this matter have been adopted by the Council and the Board of Architectural Education.

*General Business Meetings.*—The proposition made last Session that the time after formal business had been disposed of at General Business Meetings should be devoted to the discussion of matters of current professional practice seems to have aroused widespread interest, and at the two Business Meetings, held this Session, problems presenting difficulties have been freely discussed.

*Professional Practice and Charges.*—The Committee have advised members and others on matters of professional practice. During the recess and at other times, Mr. W. E. Watson, with the approval of the Committee, has given his opinions and these have been suitably acknowledged. It might be noted that members in many cases send questions of a legal character to the Practice Standing Committee for advice, and it is again pointed out that the Committee are not in a position to give advice of this nature; although upon matters of general policy of a far-reaching effect it is within their province to recommend that Counsel's

opinion should be taken. This power, however, is not frequently exercised, and many of the questions which are referred would be normally within the particular province of the Architects' Defence Union.

The Committee again emphasise how important it is for architects to acquaint their clients at the earliest moment of the Scale and Conditions upon which their fees will be based, so as to ensure the recognition of legitimate charges should recourse to law be necessary.

*Unprofessional Conduct.*—Cases have been reported to the Committee as breaches of professional etiquette, many of which seem to arise through ignorance of the " Suggestions Governing the Professional Conduct and Practice of Architects " published in the Kalendar.

A few cases, after investigation, have been recommended to the Council for appropriate action.

Several matters have been referred to the Committee, some by the President personally and some by the Council, regarding the delicacy of negotiations between members of the Institute, and it has been found in dealing with them that the " Suggestions Governing the Professional Conduct and Practice of Architects " cover in an admirable manner the various points which are likely to arise in good-class practice.

*Specifications for Large Contracts.*—The Committee have had before them a draft form of skeleton specification, and it is hoped to give the matter further consideration during the present session.

*Submission to Arbitration.*—During the Session the Council have decided, on the recommendation of the Committee, to have two forms covering the appointment of an Arbitrator, one to be used where the dispute is a general one and no agreement has been made for submission to arbitration, and the second to be used where the dispute arises out of a building contract containing an arbitration clause.

*Boundaries Registration.*—The Land Charges Act, 1925, may possibly entail a further duty upon architects where awards arise under Section 87 of the London Building Act, 1894. Opinion of Counsel has been taken on this matter and a note for the guidance of members was published in the JOURNAL of 17 September 1927 (page 671). A letter on the subject from Mr. Sydney Tatchell was published in the JOURNAL of 28 January 1928 (page 189).

*Sub-Contractors.*—Representations have been made to the Committee regarding certain hardships which are occasionally placed upon Sub-Contractors in urging them to advertise in the daily press. The Council, on the recommendation of the Committee, authorised the publication of the letter on the subject which appeared in the JOURNAL of 28 January 1928 (page 189).

*Quantity Surveyors' Fees.*—The Committee have considered allegations of cases in which Quantity Surveyors have been requested by Architects to share their legitimate fees or pay the Architect a percentage upon them. In this connection attention is drawn to a warning by the Committee published in the JOURNAL of 20 November 1926 (page 79).

*Offers of Commission to Architects.*—Several cases have been brought before the Committee where contractors or merchants have offered commissions or inducements to architects. Such cases have been suitably dealt with.

*Law Cases.*—Cases touching the interests of architects have been decided during the year and where possible a note of them has been sent to the JOURNAL for the benefit of members.

*Architectural Copyright.*—Several questions have been addressed to the Committee regarding copyright, and wherever possible answers have been given, and Counsel's opinion, already obtained, quoted. In other cases the parties have been referred to their legal advisers, or to the Architects' Defence Union, as the case may be.

*Architectural Practice.*—Several questions have been referred to the Committee dealing with recognised customs of procedure in certain detailed circumstances, and in many of these, parallels have been found in the American Institute of Architects' " Handbook of Architectural Practice. " The Hon. Secretary was instructed to prepare an analysis of this Handbook, and on the instructions of the Committee this was published, with the American Institute's " Code of Professional Etiquette, " in the JOURNAL of 28 January 1928 (page 192).

*Ownership of Drawings.*—Questions have been raised before the Committee regarding the ownership of drawings in certain circumstances, and the Committee have advised that Counsel's opinion be taken

on the matter. This, at the moment, has not been received, but will be published in the JOURNAL in due course.

*The Standard Form of Contract.*—Major Harry Barnes, Chairman of the Conditions of Contract Conference, attended before the Committee on 7 February 1928, and explained the developments which led up to the presentation of the 1928 Form of Contract at the General Meeting on 15 January 1928. It was arranged that he should again attend on an agreed date, when criticisms, which had been received from the Allied Societies and individual members, had been put into category to facilitate a fair criticism of the document.

## REPORT OF THE SCIENCE STANDING COMMITTEE

Since the publication of the last Annual Report the Committee have held 10 meetings. The attendance of members at the 8 meetings held during this Session has been as follows :—

	No. of Attendances.		No. of Attendances.
Robert J. Angel . . .	8	G. N. Kent . . .	6
Hope Bagenal . . .	4	J. H. Markham . . .	2
*P. W. Barnett . . .	4	A. E. Mayhew . . .	2
*W. T. Benslyn . . .	3	Alan E. Munby . . .	5
*Edward T. Boardman . . .	0	Lionel G. Pearson . . .	1
E. Hollyer Evans . . .	7	Harvey R. Sayer . . .	8
G. R. Farrow . . .	7	A. Alban H. Scott . . .	2
J. Ernest Franck . . .	5	H. D. Searles-Wood . . .	6
Edwin Gunn . . .	3	Major Charles F. Skipper . . .	6
W. A. Harvey . . .	7	*Digby L. Solomon . . .	4
A. F. Hooper . . .	6	Percy J. Waldram . . .	5
Lt.-Col. P. A. Hopkins . . .	5	*Thomas Wallis . . .	5

\* Marked thus were appointed after the first meeting of the Committee. Possible attendances 7.

The Officers of the Committee were elected as follows :—Chairman, Mr. H. D. Searles-Wood; Vice-Chairman, Mr. Digby L. Solomon ; Hon. Secretaries, Major C. F. Skipper and Mr. E. H. Evans.

*Building Research Department.*—The Committee have continued to keep in close touch with the Building Research Department, and in this connection would desire to express their thanks to Dr. Stradling, Director of Building Research, and Mr. P. W. Barnett, for the very valuable assistance given by them to the Committee in dealing with the problems with which the latter have been confronted.

It is hoped that the Committee will be able to make a further visit to the Research Station at Watford during the coming Summer.

The first report of the Building Research Department has just been issued. It is an exceedingly interesting document, and shows the very useful work which the Department are doing for the benefit of the building industry. The report will be reviewed in the JOURNAL at an early date.

The Building Science Abstracts which hitherto have been printed and circulated privately will in future be published monthly by H.M. Stationery Office, price 9d. per copy, exclusive of postage, or 10s. per annum, including postage.

As in the past, items in the Abstracts which are of interest to members will be marked before the Abstracts are placed in the Library.

*British Engineering Standards Association.*—The comments of the Committee have been submitted to the British Engineering Standards Association on a large number of draft specifications for different sorts of paints and varnishes.

On the recommendation of the Committee the Council sent a resolution to the B.E.S.A. that they were of opinion that any steps taken to introduce international standards of measurement in building and engineering components would be to the ultimate advantage of British Industry.

The question of the proposed international standardisation of siphon bends has been considered by the Committee, who have informed the B.E.S.A. that, while they express no opinion on its immediate practicability from a trade aspect, they agree that the principle is highly desirable.

Interesting reports have been submitted by Mr. Edwin Gunn and Mr. Harvey R. Sayer on the work of the following B.E.S.A. Committees on which they represent the R.I.B.A. :—

Sub-Committee on Standardisation and Simplification of Slates and Tiles.

*Sub-Committee on Standard Specifications for Grey and White Hydrated Lime.*

*British Waterworks Association : Standing Committee on Water Regulations.*—Mr. H. D. Searles-Wood and Lt.-Col. P. A. Hopkins, the R.I.B.A. representatives, have submitted an interim report on the work of this Committee.

*Building Science Laboratories.*—The Committee were asked by the R.I.B.A. Visiting Board to assist in drawing up a model schedule of requirements in connection with the machinery and equipment in a building laboratory.

A small Sub-Committee drew up a comprehensive report on the subject, which was approved and submitted to the Visiting Board.

*Timber Storage at the Surrey Commercial Docks.*—This matter has continued to occupy the attention of the Committee, and although, as a result of their representations, some improvement has been effected, the condition of the storage of timber at the Docks is still far from satisfactory.

In conjunction with the Institute of Builders, further efforts are being made to induce the authorities to institute concrete dunnage and ensure adequate ventilation under and through the stacks, and also to keep the ground around the timber clean and free from rotting and decayed pieces. The Committee are satisfied that the present conditions are conducive to dry rot and other similar diseases.

*Coal Residues in Reinforced Concrete.*—Correspondence on this subject has been received, and the Committee have expressed their agreement with the L.C.C. regulations prohibiting the use of coal residues in reinforced concrete.

A conference was called by the Institution of Municipal and County Engineers to consider the matter, and the following representatives of the Committee were appointed to attend:—Mr. J. H. Markham, Mr. P. J. Waldram and Mr. Thomas Wallis.

*Standard Sizes of Bricks.*—As a consequence of correspondence received on this matter, the Committee recommended the Council to call a conference of the bodies who were parties to the original agreement on the standard sizes of bricks, as published in the R.I.B.A. *Kalendar*, to consider the desirability of amending the present standards or of instituting further standards. The Council approved this recommendation, empowering the Committee to make the necessary arrangements for such a conference. The Committee are at present engaged in drawing up the terms of reference for this purpose.

*Decay and Preservation of Building Materials.*—The Committee are informed that a very poor response has been made by members to the circular issued by the Building Research Department inviting the co-operation of architects in collecting the reliable information which is required to facilitate research in the matter of the decay and preservation of building materials.

The Committee have made a further appeal to members to assist in this important work, and it is hoped that the appeal will be satisfactorily answered.

The report of the Stone Preservation Committee of the Department of Scientific and Industrial Research, which was received in May, 1927, and has been placed in the Library, contains a great deal of useful information which merits the careful study of members.

*Dampness in Houses.*—The Sub-Committee appointed to investigate and report on the causes and prevention of dampness in houses have collected a considerable amount of information on the subject. Through the good offices of the Society of Medical Officers of Health, all the Medical Officers in the country were circularised and asked to give statistics relating to the damp houses in their districts, and to supply detailed information regarding five houses which might be regarded as specimen cases.

The information thus received has been carefully annotated, and the Sub-Committee hope soon to be able to draft their report. The subject has aroused a considerable amount of attention in the press, and at the General Meeting held on 19 December 1927, when Dr. Reginald Miller and Mr. J. Ernest Franck read papers on "Some Medical Aspects of Damp in Dwellings," a very interesting and valuable discussion took place.

*Instruction in the Application of Science to Building Construction.*—As arrangements had been made for a paper to be read on this subject by Dr. Stradling at the Annual Conference of Teachers of Building, the Committee were asked to submit a memorandum of their views, and Mr. Hugh Davies, of the Board of Education, attended one of the meetings of the Committee, when the matter was fully discussed.

A statement was drawn up by a small Sub-Committee, and was submitted to the Conference, at which several members of the Committee took part in the discussion on Dr. Stradling's paper.

*The Growth of Fungus under Linoleum.*—As a result of a note inserted by the Committee in the JOURNAL, several members sent specimens of linoleum infected with fungus growths, and where possible these growths have been carefully examined and analysed.

A representative of one of the leading firms of linoleum manufacturers attended a recent meeting of the Committee, and gave them a most interesting account of the experiments he had conducted in connection with this subject. He is continuing his experiments, and has kindly promised to keep the Committee informed of the results obtained.

*Acoustical Research.*—On the recommendation of the Committee, the Council sent a strong letter in support of the acoustical research work which is being carried out by the National Physical Laboratory and Building Research Station, pointing out that it is not only of the utmost importance to the architectural profession, but of great value to the public generally.

The Council, at the request of the Committee, have also sent a letter to the Department of Scientific and Industrial Research, welcoming the acoustic experiments which are being undertaken in connection with the programme of work drawn up by the R.I.B.A. in 1917, and expressing the view that experiments in connection with the new wall, ceiling and partition materials placed upon the market in the last few years would be of particular value, as the data thus obtained would be of immediate use to architects.

A memorandum drawn up by Mr. Hope Baggenal emphasising the need for considering the question of acoustics in the drafting of conditions for architectural competitions has been referred to the Competitions Committee, and it is hoped that it will be found possible to incorporate some general lines of guidance in this connection in the pamphlet entitled "Directions to Assessors."

*Smoke Abatement.*—In view of the powers recently conferred on local authorities by Parliament for dealing with the smoke nuisance, the Council have asked the Committee to make further investigation into this question, and also into that of "acid-laden" fumes.

A small Sub-Committee, upon which the Art Standing Committee are represented, are now working upon the problem, and a considerable amount of data has been collected.

*Amyl Acetate in Spraying Solutions.*—The Committee have had their attention called to the increasing use of amyl acetate and similar poisonous solvents in spraying solutions, and are at present obtaining information on the subject with a view to considering the desirability of publishing a note in the JOURNAL calling the attention of members to the dangers which attend their use in internal decorative work.

*Alternative Methods of Construction.*—Some notes drawn up by two members of the Committee on this subject were published in the JOURNAL of 28 January 1928. It is hoped that they will be of interest and value to members.

*The Penetration of Daylight and Sunlight into Buildings.*—A small Sub-Committee have been appointed to consider matters relating to the penetration of daylight and sunlight into buildings.

*The Alleged Inadequacy of Heating Arrangements, etc., in English Houses.*—In view of the criticisms which appeared in the press after the spell of very cold weather at the end of 1927, regarding the inefficiency of the plumbing and the inadequacy of the heating arrangements generally in English houses, the Committee hope shortly to publish some notes in the JOURNAL which will be of service to members in this matter.

*Building Research Work.*—Members of the Institute are reminded that problems arising, in the construction of buildings, from defects in materials, upon the weathering or wear of materials, or in reference to the attacks of various insects, etc., all require considerable research work if reliable data and prevention of like occurrences are to be determined.

All research work must of necessity extend over a considerable period of time as the work often involves solving of consequential problems.

The Committee, therefore, would take this opportunity of saying that many problems are under investigation and, when completed, full reports will be issued in the JOURNAL for the information of all members.

## REPORT OF THE ARCHITECTS' AND BUILDERS' JOINT CONSULTATION BOARD

The Board was established in 1925, and consists of four architects and four builders appointed respectively by the Royal Institute of British Architects and the National Federation of Building Trades Employers. Under its constitution the Board may consider and report upon matters which may be referred to it, such as questions which create or tend to create friction between the various organisations connected with the building industry; changes of policy; procedure or methods current in the industry; technical questions affecting the industry, such as the provisions of a properly trained personnel and the allocation of classes of work so as to avoid demarcation disputes; the better selection of materials; and the consideration of Government legislative proposals with special reference to questions of production and cost.

During the period under review the architect-members of the Board have been Major Harry Barnes (Chairman), Mr. Henry V. Ashley, Mr. Arthur Keen, Mr. Herbert A. Welch, and Mr. Ian MacAlister (Secretary, R.I.B.A.); the builder-members have been Mr. W. H. Nicholls (Vice-Chairman), Alderman S. Easton, O.B.E., Mr. H. T. Holloway, Mr. Henry Matthews, and Mr. A. G. White (Secretary, N.F.B.T.E.).

*Cost of Materials.*—Consideration was given to a memorandum relating to the desirability of having some arrangement agreed upon between the R.I.B.A. and the National Federation to provide for exceptional and unforeseen circumstances affecting the cost of materials during the progress of a building contract.

The views of the Board on this matter were submitted to the R.I.B.A. and the N.F.B.T.E. with a recommendation that they should be forwarded to the Conditions of Contract Conference with a view to suitable provisions being framed if possible.

*Production in the Building Industry.*—A joint meeting of the Architects' and Builders' Consultation Board and the Architects' and Operatives' Consultation Board was held to consider the following matters:—

- (a) Apprenticeship.
- (b) Comparison of the Organisation and Cost of Building in the United States and in Great Britain.
- (c) Specialisation and its effect on Craftsmanship.

A very full and frank discussion took place in which the deficiencies of the present system of training craftsmen were mentioned and suggestions made for its improvement.

A memorandum is being prepared embodying further and more detailed proposals for effecting an improvement in the present methods of training, and it was decided to hold a further joint meeting to consider this memorandum when ready.

With regard to the organisation and cost of building in this country as compared with the United States, attention was drawn to the questions raised in Mr. Harvey Corbett's paper to the R.I.B.A. on the "Organisation and Cost of the Building Industry in America." It was generally agreed that this was a matter which required careful consideration, and it was decided to request the R.I.B.A., the N.F.B.T.E., and the N.F.B.T.O. to appoint two representatives each to form a Joint Committee to make a private inquiry into the whole question.

## REPORT OF THE ARCHITECTS' AND OPERATIVES' JOINT CONSULTATION BOARD

The Board was established in June 1926 for the purpose of considering and reporting upon matters such as craftsmanship, education, apprenticeship, the question of interesting workmen in the design and planning of buildings, and upon other questions mutually affecting the interests of architects and building operatives (apart from the question of wage rates).

The Board consists of four architects appointed by the Council of the Royal Institute of British Architects, and four representatives of the National Federation of Building Trades Operatives. The architect-members are Major Harry Barnes (Chairman), Mr. Henry V. Ashley, Mr. Arthur Keen, and Mr. Herbert A. Welch (Joint Hon. Secretary). The representatives of the National Federation of Building Trades Operatives are Mr. Thomas Barron (Vice-Chairman), Mr. George Elmer, Mr. Lachlan MacDonald, and Mr. R. Coppock (Joint Hon. Secretary).

*Apprenticeship.*—The Board have given further consideration to the important question of the training of the craftsman, and, as stated in the report of the Architects' and Builders' Joint Consultation Board, they took part in the three-party conference of architects, employers, and operatives, at which the whole subject was explored.

The Board hope that as a result of this conference, the development of the apprenticeship system along sound and up-to-date lines will be maintained. The matter will continue to receive the Board's serious consideration.

*The Organisation and Cost of Building.*—This subject has also received the attention of the Board, and was considered at the three-party conference of architects, employers, and operatives previously referred to.

*The Wood and Stone Carvers of London.*—A memorandum from the Wood and Stone Carvers of London was submitted through the operative-members of the Board. The memorandum dealt with the appreciable decline in the amount of carving generally, and more particularly with the serious abatement in the amount of really high-class artistic decoration, which, it was felt, was a matter for very serious consideration. Various suggestions were put forward in the memorandum for dealing with this state of affairs, and on the recommendation of the Board, the Council referred the matter to the Art Standing Committee with the suggestion that the latter should appoint a small Sub-Committee of members particularly interested in the question, to meet representatives of the Wood and Stone Carvers and discuss with them the various proposals submitted.

It is understood that the Art Standing Committee adopted this procedure, and that a meeting of their representatives and of representatives of the craftsmen has been held.

## REPORT OF THE COMPETITIONS COMMITTEE

Since the publication of the last Annual Report, the Competitions Committee have met on four occasions.

The members of the Committee for the present Session are :—

The President (*ex-officio*).  
The Hon. Secretary (*ex-officio*).  
Mr. Robert Atkinson.  
Mr. T. Lawrence Dale.  
Mr. C. Ernest Elcock.

Mr. P. D. Hepworth.  
Mr. Howard Robertson (Hon. Secretary).  
Sir A. Brumwell Thomas (Chairman).  
Mr. Percy Thomas, O.B.E.

(a) *Competitions Dealt With.*—During the period under review the Committee have dealt with 27 Competitions.

- (1) In 16 cases the conditions have been satisfactory and no amendments have been suggested.
- (2) In 5 cases negotiations with Promoters have resulted in the amendment of the conditions, and the competitions have been held with the approval of the R.I.B.A.
- (3) In 6 cases Promoters have refused to amend the conditions and the veto of the competition has been advised.

(b) *R.I.B.A. Regulations and Model Form of Conditions.*—As reported in the last Annual Report, the Committee have had under consideration various suggestions for the amendment of the R.I.B.A. Regulations and Model Form of Conditions.

- (1) The Council have approved the Committee's recommendation for the inclusion of a clause in the Model Conditions governing the return of the deposit.

(2) The Council have approved the Committee's recommendation for the amplification of Clause (c) of the Regulations dealing with the Staffs of Assessors.

The clause as revised by the Committee will be submitted for the approval of the General Body at an early date.

(3) The Council have approved the Committee's recommendation for the amendment of Clause 8 of the Model Form of Conditions, governing the limit of cost.

(4) The Council have approved the Committee's recommendation for the amendment of Clause 1 in the Regulations dealing with the Assessor's fee.

The Clause as revised by the Committee will be submitted to the General Body at an early date.

(c) *Directions to Assessors and Architectural Acoustics.*—The Science Standing Committee have forwarded to the Committee a memorandum by Mr. Hope Baggenal emphasizing the necessity for giving full consideration to the question of acoustics when conditions of competitions are drawn up.

The Committee propose to incorporate in the "Directions to Assessors" a paragraph giving some general lines of guidance for the benefit of Assessors in dealing with this and similar technical questions.

(d) *Rules for Competitions held in Two Stages.*—At the request of the Council, the Committee are considering the possibility of framing some regulations to deal with the difficulties which occur in and are peculiar to dual competitions.

(e) *Irregular Competitions : Preliminary Warning Notice.*—On the recommendation of the Committee the terms of the preliminary warning notice issued in connection with irregular competitions have been strengthened.

## REPORT OF THE CONDITIONS OF CONTRACT COMMITTEE

The Committee has finished the draft new form of Contract which has been accepted by the Conference composed of representatives of :—

The Royal Institute of British Architects.  
The Surveyors' Institution.  
The National Federation of Building Trades Employers.  
The Institute of Builders.  
\*The Institution of Municipal and County Engineers.  
\*The Admiralty.  
\*H.M. Office of Works.

\*These attended the Conference and took part in the work of the Drafting Committee but only in an advisory capacity.

The new form of Contract was submitted to Sir William MacKenzie, who was appointed as the independent arbitrator to settle points of difference in the Drafting Committee. No points arose, but the whole draft was submitted to him, and he gave it his unqualified approval.

The new Standard Form of Contract was approved by the N.F.B.T.E. on the 25th January, and by the Surveyors' Institution and the Institute of Builders. The Form has been approved by the R.I.B.A. Council and was before the General Meeting of the R.I.B.A. on the 25th January when further consideration was adjourned.

## REPORT OF THE LONDON BUILDING ACTS COMMITTEE

Since the publication of the last Annual Report this Committee have held four meetings.

Mr. H. D. Searles-Wood was elected Chairman and Mr. Louis Blanc Hon. Secretary.

The Committee have received the Minutes of the weekly meetings of the London County Council, and have noted the reports of the Building Acts Committee.

All matters bearing on the revision of the London Building Acts have been considered by this Committee.

On 24 May 1927, proposals for a revision of the scale of fees payable to District Surveyors were forwarded by the Clerk of the London County Council, for the observation of the Institute. This

Committee considered the suggested scale in detail, and afterwards held a joint meeting with representatives of the London Master Builders' Association.

It was the opinion of the joint meeting that, having regard to the seriousness of the proposals, it was quite impossible to prepare a considered report at such short notice (namely, by 30 June). The Council of the Institute were in concurrence, and notified the London County Council to this effect.

The London County Council have included their proposals in a General Powers Bill, but the existing scale of fees will remain in operation until 31 December 1928.

Mr. Davidge and Mr. Crow have undertaken to prepare a detailed statement embodying the views of this Committee.

Correspondence from a member of the Institute regarding the restriction by the London County Council of the use of portions of a building beyond a particular height has been received.

After hearing details of this case the Committee agreed that without varying the conditions as to height, it was reasonable to obtain some review of this portion of the Act, and have asked the Council of the Institute for permission to draw up a report on this subject.

## REPORT OF THE R.I.B.A. REGISTRATION COMMITTEE

In the last report reference was made to the fact that on 8 April 1927, the Architects' Registration Bill was read a second time in the House of Commons and referred to a Select Committee, and that it was hoped to put forward an agreed Bill in the 1928 Session of Parliament. The Members of Parliament nominated upon the Select Committee were :—

Mr. Gardner.  
Mr. William Hurst.  
Sir Alfred Hopkinson, K.C.  
Sir Clement Kinloch-Cooke.  
Mr. Lindley.  
Sir Murdoch MacDonald.

Colonel Moore.  
Sir Frederick Rice.  
Mr. Tasker.  
Captain Wallace.  
Dr. Watts.

Sir Clement Kinloch-Cooke was elected Chairman of the Select Committee, and the first meeting was held on 3 May 1927, and the last on 26 July. Fourteen meetings were held, at each of which the Secretary of the R.I.B.A. Registration Committee and other members were present. The witnesses called included Major Barnes, F.R.I.B.A., the Chairman of the Registration Committee on behalf of the R.I.B.A., and representatives of the Architectural Association, the Institution of Civil Engineers, the Institution of Municipal and County Engineers, the County Councils Association, the Institute of Builders, the Association of Consulting Engineers, the Parliamentary Committee of the Co-operative Congress, and other bodies and individual witnesses.

The Special Report of the Select Committee was published on 27 July 1927, and expressed regret that they were unable to report the Bill to the House by a final vote of five to four, but as this vote did not represent the views of the Committee of eleven members as a whole the hope was expressed that an early opportunity would be given to the House of considering a Bill framed on the lines of the Bill as amended.

With this report before them the R.I.B.A. Registration Committee resumed its deliberations and drafted a Bill on the lines of the measure as amended by the Select Committee. The chief modifications made by the Select Committee were an amendment to Section 11 to add the word " Registered " to the title of " architect," the deletion of Section 12 restricting the recovery of professional charges to persons on the Register, a new Section 18 protecting the interests of co-operative societies and other similar bodies, and the addition of a proviso to Section 19 protecting the interests of persons employed under any public or local authority.

The effect of the amendment to Section 11, relating to the title " Registered Architect," which was only conceded with great reluctance by the R.I.B.A. under pressure from the Government, was to restrict

the title " Registered Architect " to persons on the register and to leave it open to anyone else to continue to use the title " Architect," thereby rendering the measure permissive and altering the character of the Bill from compulsory to voluntary registration.

Other amendments were of a minor nature, and none of them abrogated the principle of the measure which it was the object of the promoters to establish in Parliament.

With this end in view the propaganda among members of Parliament was resumed in the autumn of 1927 with the object of securing promises to ballot for the Bill. Several members of Parliament undertook to do so, and many others indicated their intention of supporting the Bill when it came before the House.

The promoters had unprecedented good fortune in again securing the support of a Member, this time Sir Walter Raine, M.P. for Sunderland, who had drawn third place in the ballot, and who introduced the Bill in the House of Commons on 9 February 1928, with the support of Sir Clement Kinloch-Cooke, Colonel Moore, Sir Leolin Forestier-Walker, Sir Alfred Hopkinson, Sir Robert Lynn, Mr. Buchan, Mr. Gardner, Dr. Watts, Major Sir Archibald Sinclair, Brigadier-General Warner, and Mr. Harney. The Bill was read a first time and printed, and was set down on the first order of the day for second reading on 2 March. On that occasion Sir Walter Raine, in moving the second reading, made it clear that the objections previously raised to the Bill by the Institution of Civil Engineers, the Institute of Builders, and the Parliamentary Committee of the Co-operative Congress had been met, and that what opposition remained was from a new society whose record had been disclosed in evidence before the Select Committee.

The debate had lasted two hours and was still proceeding, when notice was taken that forty members were not present. A count was taken and thirty-two members only being present, the House was adjourned. This is the first application of a new rule which came into being in the autumn, whereby if after one o'clock in the afternoon there are not forty members present, the House is adjourned, whereas under the old rule the time for obtaining a quorum was extended to four o'clock. Thus, in circumstances over which the promoters of the Bill had no control, the proceedings were brought suddenly to an end with very little if any prospect of further progress being made this Session. The advocates of Statutory Registration must therefore for the present content themselves with the knowledge that their representatives did everything possible to foresee and overcome objections and difficulties and to provide for contingencies, but were powerless to prevent the situation which arose at the last moment.

## REPORT OF THE THAMES BRIDGES CONFERENCE

The Conference has kept closely in touch with all developments of the subject of the bridges. Early in the year the L.C.C. approached the Prime Minister in order to discuss urgent matters arising out of the Lee Report, and it was decided that a Committee of Engineers should report to the Government on the proposal to build a combined road and railway bridge at Charing Cross. As the engineers who were actually appointed were known to favour the construction of a new bridge at Waterloo, the Conference made very great efforts to secure the appointment of one who favoured the retention of Waterloo Bridge, in place of the engineer to the Southern Railway who had not joined the Committee, as intended, but to no purpose. Representations on the subject were then made to the Council of the R.I.B.A., and the Council endeavoured to secure the appointment of an architect to co-operate with the engineers on the ground that the Prime Minister had stated that the æsthetic aspects of the scheme would be considered as well as the financial and structural ones, but in this matter again no satisfactory result was secured. The correspondence with the Government on both matters was published in the Press, and throughout the year public attention has been directed to the subject of Waterloo and Charing Cross Bridges whenever it appeared to be desirable.

The Conference represents the following bodies : The Royal Academy, The Town Planning Institute, The London Society, The Society for the Protection of Ancient Buildings, The Architecture Club, a group of Civil Engineers, The Royal Institute of British Architects.

## REPORT OF THE TOWN PLANNING AND HOUSING COMMITTEE

Chairman : Sir Aston Webb, G.C.V.O., C.B., R.A.

Vice-Chairmen : Professor S. D. Adshead, Professor Patrick Abercrombie.

Joint Hon. Secretaries : W. Harding Thompson, P. M. Fraser.

Since the publication of the last Annual Report, the Committee have held five meetings, and the attendance of the members of the Committee has been as follows :—

	No. of Attendances.		No. of Attendances.
The President ( <i>ex-officio</i> ) . . . . .	0	H. V. Lanchester . . . . .	1
The Hon. Secretary ( <i>ex-officio</i> ) . . . . .	0	T. Alwyn Lloyd . . . . .	0
Prof. Patrick Abercrombie . . . . .	1	Sir Henry Maybury (by deputy) . . . . .	1
Prof. S. D. Adshead . . . . .	4	E. C. P. Monson . . . . .	0
Sir Reginald Blomfield . . . . .	0	D. Barclay Niven . . . . .	1
L. H. Bucknell . . . . .	1	Prof. Beresford Pite . . . . .	0
Arthur Crow . . . . .	3	Herbert Shepherd . . . . .	2
W. R. Davidge . . . . .	1	G. E. S. Streetfeild . . . . .	3
F. M. Elgood . . . . .	1	W. Harding Thompson . . . . .	4
P. M. Fraser . . . . .	4	Dr. Raymond Unwin . . . . .	1
W. Alexander Harvey . . . . .	1	C. F. Ward . . . . .	1
William Haywood . . . . .	3	Edward Warren . . . . .	1
C. H. James . . . . .	3	Sir Aston Webb . . . . .	0
Arthur Keen . . . . .	1		

*Thames Side Development.*—In view of the fact that the architectural character of the Thames Valley has suffered so much from recent developments, the Committee considered that the R.I.B.A. should be represented if possible on every Regional Committee interested in the Thames Valley. Certain Regions agreed to this proposal and representatives were appointed as follows :—

*South Bucks and Thames Side Regional Committee.*—Mr. H. J. Stribling [A.], nominated by the Berks, Bucks, and Oxon Architectural Association.

*Thames Valley Joint Town Planning Committee.*—Mr. C. H. James [F.]

*South Essex Regional Committee.*—Mr. Arthur Crow [F.]

*Rural England and Statutory Control of Development.*—Since the publication of the last Annual Report, the Report prepared by this Committee on the existing Statutory Powers for the Control of Design has been revised, and forwarded by the Council to the Council for the Preservation of Rural England and all the Allied Societies, with certain suggestions for the formation of Advisory Committees.

*Royal Commission on London Squares.*—The Committee has discussed at length the question of preserving London Squares, and having prepared a report on this matter for the Council, Mr. Maurice Webb [F.] and Professor S. D. Adshead [F.] were appointed to represent the R.I.B.A. as witnesses before the Royal Commission. A full report of the proceedings has been published in the JOURNAL, but up to the present the recommendations of the Royal Commission have not yet been published.

*Holborn Town Planning Scheme.*—The committee has considered the proposals of the L.C.C. regarding the Town Planning Scheme for Holborn, and it has also kept in touch with the Foundling Hospital Preservation Association. The public inquiry on the scheme has been adjourned indefinitely, but the Town Planning Committee are keeping a careful watch over any proposed developments.

*St. Olaves Church, Southwark.*—The Borough Council of Bermondsey has proposed to destroy this church tower and sell the site, and in view of the desirability of retaining this site as a public open space, the Committee appointed Messrs. Arthur Keen, P. M. Fraser, and Herbert Shepherd to represent the R.I.B.A. in a deputation to the L.C.C. to prevent the destruction of the church tower and the sale of the site. The deputation was well received, and it is hoped that the Borough Council of Bermondsey may be persuaded to abandon their plans for destruction of the Tower.

*Designs for Road Junctions.*—The draft copy of a Manual on the Design of Road Junctions has been received from the Town Planning Institute for suggestions by the R.I.B.A.

The Town Planning Committee has the draft at present under consideration with a view to offering some recommendations for the improvement of the Manual.

## THE FINANCES OF THE ROYAL INSTITUTE

In the financial year which ended on 31 December 1927, the income and the expenditure of the Royal Institute reached the highest figures in our history. Our year's income was £40,237 4s. 3d., and expenditure was £36,426 15s. 5d. From our realized surplus of £3,810 8s. 10d. a capital sum of £3,225 was paid for the purpose of acquiring the advertisement rights of the "Journal and Kalendar," leaving a sum of £585 8s. 10d. to be added to our Premises Fund.

The largely increased profits from the advertisements in the "Journal and Kalendar" indicate that the new method of dealing with these advertisements will be very advantageous to the Royal Institute in future years.

The Council's Estimate of Income and Expenditure for the year 1927 proved to be remarkably close to the actual figures. We budgeted for a surplus of £3,675, and realized a surplus of £3,810 8s. 10d.

It would not be prudent finance to count on an equally good year in 1928. We have to provide for the cost of the long-desired pension scheme for the staff, and also for certain much-needed adjustments in the salaries. We have, therefore, budgeted for a surplus of £2,576.

From this surplus a sum of £1,500 will be paid to complete the purchase of the advertising rights, so that in future years the whole of the increasing profits from this source will come to the R.I.B.A.

The cost of the new Premises which are so urgently required is a question which is engaging the attention of the Finance and House Committee.

ARTHUR KEEN,  
*Chairman of the Finance and House Committee.*

## REPORT OF THE HONORARY AUDITORS

We have carefully examined the books and checked the various items therein with the accounts and vouchers for the year 1927, together with the various share certificates held by the Institute and the list of share and scrip certificates deposited with the Bankers, and these were found to be in order and to agree with the statement of accounts prepared by the Accountants.

The Ordinary Funds Income for 1927 amounted to £40,237 4s. 3d., as compared with £34,087 for the previous year. The increase is due to the fact that under the new arrangement made by the Council in 1926 the whole of the income derived from advertisements in the "Journal and Kalendar" is now credited to Ordinary Funds. Against this increase must be placed the advertisement department charges, printing, etc., as shown on the expenditure side of the account.

Income from the amount received for Examination fees again shows a satisfactory increase, but there is a decrease in the amount received for Entrance Fees, and also Use of Rooms, the latter being due to discontinuing letting the Galleries for private functions during the period of the Session.

Taking into consideration the fact that exceptional sums had to be expended in 1927 for acquisition of advertisement rights, Registration, etc., we think the surplus on the year's working may be considered very satisfactory.

It is noted with satisfaction that during the year the Council were able to effect a reduction on the rate of interest payable on the Mortgage on the Institute premises.

The scheme approved by the General Body for the Composition of Subscriptions for Life Membership came into operation towards the end of the year and amounts so far received have been placed to Capital Account.

We feel that praise is due to the Staff for the orderly and careful manner in which the accounts are kept, and take this opportunity of expressing our thanks for the way they were presented to us, whereby the tedium of a somewhat onerous day was considerably lightened.

HENRY A. SAUL [F].  
J. MACLAREN ROSS [A].  
*Honorary Auditors.*

## Income and Expenditure Account of Ordinary Funds for the Year ending 31st December 1927.

Dr.	EXPENDITURE.	£ s. d.	Exclusive of Subscriptions in advance.	INCOME.	Cr.
TO PREMISES—				BY SUBSCRIPTIONS AND CONTRIBUTIONS—	
Rent	193 11 10			Fellows .....	7299 1 6
Rates and Taxes	1346 16 8			Fellows, Arrears .....	173 5 0
Interest on Mortgage	1174 18 7			Associates .....	7254 5 6
Gas and Electric Lighting	290 19 9			Associates, Arrears .....	454 14 0
Fuel	153 7 4			Licentiates .....	6173 6 0
General Repairs	641 7 11			Licentiates, Arrears .....	290 19 3
Fire Insurance	79 12 7			Reinstated Members .....	74 0 6
Annual Charge for Fine Payable at Renewal of Lease	7 0 0			Students' Fees and Arrears .....	778 9 0
Depreciation on Leasehold Property	170 14 0			Subscribers .....	18 18 0
28 Bedford Square	573 19 10				22522 18 9
Housekeeping and Wages	94 18 8			BY ENTRANCE FEES .....	790 13 0
Telephone			4727 7 2	BY JOURNAL AND KALENDAR—	
				Advertisements .....	7293 11 5
TO ADMINISTRATION—				Sales of Journal and other Publications .....	2157 0 11
Salaries and Gratuities	7436 6 8				9450 12 4
Health and Unemployment Insurance stamps	71 19 1			BY EXAMINATION AND OTHER FEES—	
Pensions	1113 0 0			Probationers' Registration .....	3498 12 0
Staff Insurance	182 11 0			Intermediate Examination .....	1485 4 6
General Printing, Stationery, Stamps, and Petty Expenses	2968 9 11			Licentiates' Examination .....	66 3 0
Annual Election Enumerators	42 0 0			Final Examination .....	994 7 0
			11814 6 8	Town Planning Examination .....	3 13 6
TO PUBLICATIONS—				Statutory Examination .....	69 6 0
JOURNAL—					6117 6 0
Reporting	92 12 6			BY USE OF ROOMS—	
Printing and Binding	2541 11 0			R.I.B.A. Tenants and Others .....	1221 5 0
Illustrations	262 19 3			Galleries .....	72 19 6
Postages and Carriage	1627 19 7				1294 4 3
			4525 2 4	BY INTEREST ON DEPOSIT .....	61 2 3
KALENDAR—					
Printing	721 8 11				
Postage and Carriage	210 11 8				
			932 0 7		
TO ADVERTISEMENTS IN PUBLICATIONS—					
JOURNAL—					
Printing	1718 1 2				
Advertisement Department Expenses	48 7 2				
Advertisement Commission	1677 2 11				
			3443 11 3		
KALENDAR—					
Printing	109 18 9				
Advertisement Commission and Expenses	138 8 6				
			248 7 3		
Part Payment for Acquiring Advertisement Rights					
TO LIBRARY .....			3225 0 0		
			359 1 1		
TO TRAVELLING EXPENSES—					
Visiting Board	250 0 0				
Provincial Members	1515 8 11				
			1765 8 11		
TO GENERAL MEETINGS AND CONFERENCES—					
General Meetings and Exhibitions	668 1 0				
Annual Conference and Dinner	422 6 6				
Council Dinner Guests	134 14 0				
Advertisements	62 6 6				
			1287 8 0		
TO EXAMINATIONS AND PRIZES—					
Examiners' and Invigilators' Fees	438 18 0				
Medals, Prizes and Prize Drawings Tours	515 8 0				
Home Scholarship	93 11 3				
Examinations (Overseas)	69 16 8				
			1117 13 11		
*TO CONTRIBUTIONS TO ALLIED SOCIETIES...					
TO GRANTS—			2024 13 6		
British School at Rome	100 0 0				
British School at Rome (Faculty of Archaeology)	3 3 0				
Society for the Protection of Ancient Buildings (Special Bridges Fund)	100 0 0				
Architectural Association	100 0 0				
Architects' Benevolent Society	100 0 0				
British Engineering Standards Association	50 0 0				
Royal West of England Academy	50 0 0				
School of Architecture	20 0 0				
Franco-British Union of Architects					
Hampshire and Isle of Wight Architectural Association (Special Grant for Books)					
			Carried forward .. 623 3 0 35470 0 8		
				Carried forward .. £40237 4 3	

\* Bye-law 85 provides that "The Royal Institute shall, in each year, contribute to any Non-Metropolitan Allied Society such proportion not exceeding one-third as the Council may from time to time determine of the annual subscription paid to the Royal Institute by each member thereof who is also a member of such Society, provided such member have an office or reside in the district of such Society; but in no event shall such contribution apply in the case of any one member to more than one Allied Society."

## INCOME AND EXPENDITURE ACCOUNT OF ORDINARY FUNDS—continued.

Dr.	EXPENDITURE.	£ s. d.	Cr.
	Exclusive of Subscriptions in advance.		
Brought forward ..	623 3 0	35470 0 8	Brought forward .. 40237 4 3
TO GRANTS—continued.			
School of Architecture, Royal West of England Academy, Bristol (Recognised School Libraries) .....	20 0 0		
School of Architecture, University of Sheffield (Recognised School Libraries) .....	20 0 0		
Royal Society of Arts (Architectural Decoration Scholarship) .....	20 0 0		
Burnley District Society of Architects (Special Grant for Books) .....	15 0 0		
Devon and Cornwall Architectural Society (Special Grant for Books) .....	15 0 0		
Land Agents' Society .....	10 10 0		
School of Architecture, Municipal school of Arts and Crafts, Southend (Recognised School Libraries) .....	10 0 0		
Royal British Colonial Society of Artists .....	8 8 0		
Wittet Memorial Fund .....	5 5 0		
British School at Athens .....	5 5 0		
International Federation for Housing and Town Planning .....	5 0 0		
National Association of Water Users .....	4 4 0		
Empire Forestry Association .....	2 2 0		
Conduit Street Association .....	2 2 0		
Association of Special Libraries and Information Bureaux .....	2 2 0		
		768 1 0	
To LIBRARY CATALOGUE .....		230 10 8	
To MISCELLANEOUS EXPENSES—			
Legal and Accountants .....	490 1 0		
Registration .....	1543 1 0		
Street Architecture Medal .....	16 14 9		
Conditions of Contract Conference .....	286 12 11		
Smithson Collection of Drawings .....	140 10 9		
President's Portrait .....	235 10 0		
Architects' Defence Union .....	103 11 0		
Sundries .....	367 1 8		
		3183 3 1	
		585 8 10	
TO SURPLUS FOR THE YEAR .....			£40237 4 3
SAFFERY, SONS & CO., Chartered Accountants.			

Examined with the vouchers and found to be correct, 23rd March, 1928. { HENRY A. SAUL [F.] } { J. MACLAREN ROSS [A.] } Hon. Auditors.

## Balance Sheet of Ordinary Funds, 31st December 1927.

Dr.	LIABILITIES.	£ s. d.	Cr.
To SUNDY CREDITORS—			
Sundry .....	3453 16 6		
Mortage Interest .....	36 3 3		
Rent .....	45 15 6		
	3535 15 3		
Mortage on Freehold and Leasehold Property at 5% per cent.....	20000 0 0		
Subscriptions received in advance—			
Fellows .....	124 19 0		
Associates .....	200 11 0		
Licentiates .....	96 12 0		
Students .....	46 14 0		
	468 16 0		
Composition of Subscriptions for Life Membership .....	37 16 0		
Reserve for Fine Payable on Renewal of Lease .....	42 0 0		
Lloyds Bank, Overdraft .....	1209 0 6		
New Premises Fund, Income to be invested Surplus of Assets over Liabilities (Subject to valuation of premises and realisation of Debts and Subscriptions in arrear) .....	86 11 0		
	83731 18 1		
	£109111 16 10		
By Premises, as per last Balance Sheet—			
9 Conduit Street .....	29135 1 4		
28 Bedford Square .....	3243 5 9		
Less Depreciation .....	170 14 0		
	3072 11 9		
Mortage Redemption Policy .....	101207 13 1		
Debtors—	2816 3 0		
Rent and Advertisements .....	1796 5 4		
Payments in Advance .....	62 10 0		
Sundry .....	19 2 0		
	1877 17 4		
Subscriptions in Arrear for 1927 and previously—			
Fellows .....	153 10 0		
Associates .....	438 3 0		
Licentiates .....	460 16 9		
Students .....	23 12 6		
	1076 2 3		
New Premises Fund—			
£2048 11s. 8d. 3½% Conversion Stock ..	1547 3 1		
£568 18s. 8d. 2½% Metropolitan Consolidated Stock .....	288 0 5		
£188 3s. 9d. 4½% War Stock, 1925-45 ..	162 7 8		
£100 11s. 2d. 5% War Stock, 1929-47 ..	101 19 0		
£200 4% Victory Bonds .....	148 0 0		
Interest received during 1927 .....	86 11 0		
	2334 1 2		
	£109111 16 10		

NOTE.—A Fine of £7 per annum is payable in respect of 9 Conduit Street, under a Lease from the Corporation of the City of London. Notice of renewal must be given at Michaelmas, 1935, and the fine for 14 years of £98 paid.

SAFFERY, SONS & CO.,  
Chartered Accountants.

Examined with the vouchers and found to be correct, 23rd March 1928. { HENRY A. SAUL [F.] } { J. MACLAREN ROSS [A.] } Hon. Auditors.

## Revenue Account of Trust Funds for the Year ending 31st December 1927.

Dr.

Cr.

## ASHPITEL PRIZE FUND—

	£ s. d.
To Prize awarded to L. W. T. White [A.]	10 0 0
To Income Tax paid on Untaxed Interest	0 2 0
To Balance carried forward	74 16 3
	<u>84 18 3</u>

	£ s. d.
By Balance from last Account	65 9 7
By Dividends and Interest received	19 8 8
	<u>84 18 3</u>

## ANDERSON AND WEBB FUND—

	£ s. d.
To Income Tax paid on Untaxed Interest	0 9 0
To R.I.B.A. Scholarship at Cambridge University School of Architecture—Amount due to J. T. Alliston	70 0 0
To Balance carried forward	70 9 0
	<u>220 16 6</u>

	£ s. d.
By Balance from last Account	4 0 3
By Dividends and Interest received	64 4 7
By Balance carried forward	2 4 2
	<u>70 9 0</u>

## ARTHUR CATES LEGACY—

	£ s. d.
To Income Tax paid on Untaxed Interest	0 9 0
To Balance carried forward	220 7 6
	<u>220 16 6</u>

	£ s. d.
By Balance from last Account	160 13 3
By Dividends and Interest received	60 3 3
	<u>220 16 6</u>

## ARCHIBALD DAWNAY BEQUEST—

	£ s. d.
To Amount paid to R. P. Cummings	25 0 0
To Amount paid to Miss C. W. Preston	25 0 0
To Amount paid to W. G. Plant	33 0 0
To Income Tax paid on Untaxed Interest	0 5 7
To Balance carried forward	253 17 4
	<u>337 2 11</u>

	£ s. d.
By Balance from last Account	90 4 11
By Dividends and Interest received	246 18 0
	<u>337 2 11</u>

## DONALDSON TESTIMONIAL FUND—

	£ s. d.
To Cost of Medal	1 15 0
To Balance carried forward	2 5 1
	<u>4 0 1</u>

	£ s. d.
By Balance from last Account	1 4 11
By Dividends and Interest received	2 15 2
	<u>4 0 1</u>

## C. W. HUNT BEQUEST—

	£ s. d.
To Balance carried forward	500 0 0
	<u>500 0 0</u>

	£ s. d.
By Amount received from the Executors of the late C.W. Hunt	500 0 0
	<u>500 0 0</u>

## GODWIN BURSARY—

	£ s. d.
To Amount paid to J. Murray Easton [F.]	83 0 0
To Cost of Medal	2 7 6
To Income Tax paid on Untaxed Interest	0 5 0
To Balance carried forward	14 18 0
	<u>100 10 6</u>

	£ s. d.
By Balance from last Account	47 18 7
By Dividends and Interest received	52 11 11
	<u>100 10 6</u>

## GRISSELL LEGACY—

	£ s. d.
To Amount paid to E. C. P. Allen	50 0 0
To Cost of Medal	7 10 0
To Balance carried forward	1 9 1
	<u>58 19 1</u>

	£ s. d.
By Balance from last Account	4 2 3
By Dividends and Interest received	15 6 10
By Amount due from Ordinary Funds	39 10 0
	<u>58 19 1</u>

## MAINTENANCE SCHOLARSHIP FUND—

	£ s. d.
To Purchase of £39 18s. 8d. 31½% Conversion Stock	30 10 6
To Amount paid to B. J. O. Wyson	25 0 0
To Amount paid to E. L. W. Davies	83 6 8
To Amount paid to B. J. Day	83 6 8
To Amount paid to H. Jackson	45 0 0
To Amount paid to E. J. White	83 6 8
To Amount paid to A. Brown	41 13 4
To Amount paid to C. J. Bartlett	33 6 8
To Amount paid to J. F. D. Wyson	33 6 8
To Amount paid to Simson and Co. for Printing Certificates	1 7 6
To Amount due to Simson and Co.	0 15 0
To Balance carried forward	409 18 8
	<u>870 18 4</u>

	£ s. d.
By Balance from last Account	305 15 10
By Donations received	515 13 8
By Dividends and Interest received	49 8 10
	<u>870 18 4</u>

## OWEN JONES STUDENTSHIP—

	£ s. d.
To Amount paid to Miss Ruth Ellis	66 0 0
To Income Tax paid on Untaxed Interest	0 13 1
To Balance carried forward	114 18 11
	<u>181 12 0</u>

	£ s. d.
By Balance from last Account	55 15 0
By Dividends and Interest received	125 17 0
	<u>181 12 0</u>

REVENUE ACCOUNT OF TRUST FUNDS—*continued.*

Dr.	Cr.
<b>PUGIN MEMORIAL FUND—</b>	
To Amount paid to T. Murray Ashford .....	£ s. d. 50 0 0
To Cost of Medal.....	2 7 6
To Income Tax paid on Untaxed Interest .....	0 3 0
To Balance carried forward.....	27 0 7
	<b>79 11 1</b>
<b>SAXON SNELL BEQUEST—</b>	
To Income Tax paid on Untaxed Interest .....	£ s. d. 0 16 4
To Balance carried forward.....	172 12 9
	<b>173 9 1</b>
<b>A. C. BOSSOM SCHOLARSHIP FUND—</b>	
To Amount paid to E. Wansley-Lewis [A.] 1927	£ s. d. 200 0 0
Student .....	600 0 0
To Balance carried forward.....	800 0 0
	<b>800 0 0</b>
<b>A. C. BOSSOM MEDAL COMPETITION—</b>	
To Balance carried forward.....	£ s. d. 100 0 0
	<b>100 0 0</b>
<b>TITE LEGACY FUND—</b>	
To Balance from last Account .....	£ s. d. 5 4 10
To Amount paid to E. B. Cumine .....	50 0 0
To Amount paid to A. Calvalley Cotton .....	33 0 0
To Income Tax paid on Untaxed Interest .....	0 5 0
To Balance carried forward.....	3 11 3
	<b>92 1 1</b>
<b>VICTORY SCHOLARSHIP FUND—</b>	
To Amount paid to H. T. Dyer .....	£ s. d. 150 0 0
To Amount paid to Cecil Thomas for cost of die for Medal	80 0 0
To Balance carried forward.....	13 13 10
	<b>243 13 10</b>
<b>WIMPERIS BEQUEST—</b>	
To Amount paid to J. Murray Easton [F.] .....	£ s. d. 83 0 0
To Income Tax paid on Untaxed Interest .....	1 0 0
To Balance carried forward .....	35 15 9
	<b>119 15 9</b>
<b>HENRY JARVIS STUDENTSHIP ACCOUNT—</b>	
To Amounts paid to the British School at Rome for—	£ s. d.
C. A. Minoprio [A.] 1925 Student .....	250 0 0
H. Thearle [A.] 1926 Student .....	375 0 0
B. R. Ward 1926 Student .....	250 0 0
M. A. Sisson [A.] 1924 Student .....	50 0 0
H. T. Dyer 1926 Student .....	125 0 0
To Amount paid to W. R. Lloyd (Architectural Association) .....	50 0 0
To Balance carried forward.....	79 10 5
	<b>£1179 10 5</b>
	<b>£1179 10 5</b>

SAFFERY, SONS & CO.,  
Chartered Accountants.

Examined with the vouchers and found to be correct. 23rd March 1928. { HENRY A. SAUL [F.] } { J. MACLAREN ROSS [A.] } Hon. Auditors.

## Balance Sheet of Trust Funds, 31st December 1927.

Dr.	Cr.
	Value 31st December, 1927. £ s. d.
<b>TO ASHPITEL PRIZE FUND—</b>	
Capital, £305 1s. 8d., New South Wales 6%	
Inscribed Stock 1930 40 .....	
<i>Revenue Investments—</i>	
£76 8s. 11d. 4½% War Loan, 1925/45 .....	73 15 5
£20 5s. War Loan, 1929/47 .....	20 5 0
£20 4s. Funding Loan, 1960/90 .....	17 13 0
£14 4s. 3½% Conversion Loan, 1961 .....	10 18 9
Balance at Credit of Revenue Account .....	74 16 3
	505 11 1
<b>TO ANDERSON AND WEBB FUND (Board of Architectural Education)—</b>	
Capital—£594 18s. 4d., New South Wales 6%	
Inscribed Stock, 1930/40 .....	
£58 6s. New South Wales 4% Inscribed Stock, 1942/62 .....	
<i>Revenue Investments—</i>	
£132 15s. 3d. 4½% War Loan, 1925/45 .....	128 2 3
£65 5s. War Loan, 1929/47 .....	65 16 3
£41 18s. 6d. 4% Consolidated Stock, 1957 .....	35 19 0
£30 4s. Funding Loan, 1960/90 .....	26 9 6
£725 London Midland and Scottish Railway 4% Guaranteed Stock .....	583 12 6
Balance at credit of Revenue Account .....	67 15 10
	1555 17 1
<b>TO ARTHUR CATES LEGACY FUND—</b>	
Capital—London and North Eastern Railway	
£580 4% 1st Preference Stock .....	408 18 0
£580 4% 2nd Guaranteed Stock .....	435 0 0
<i>Revenue Investments—</i>	
£137 15s. 7d. 4½% War Loan, 1925/45 .....	133 2 0
£50 4s. 11d. 5% War Loan, 1929/47 .....	50 17 5
£70 5s. National War Bonds, 1928/29 .....	73 10 0
£200 15s. 10d. 4% Funding Loan, 1960/90 .....	177 2 2
£14 4s. 3½% Conversion Loan, 1961 .....	10 18 9
£24 17s. 4% Consolidated Stock, 1957 .....	21 6 2
Balance at credit of Revenue Account .....	220 7 6
	1531 2 0
<b>TO ARCHIBALD DAWNEY BEQUEST—</b>	
Capital—£11,026 17s. 9d. 2½% Consols .....	6119 19 0
<i>Revenue Investments—</i>	
£544 19s. 7d. 2½% Consols .....	302 9 3
£483 6s. 8d. London Midland and Scottish Railway 4% Guaranteed Stock .....	389 1 8
Balance at credit of Revenue Account .....	253 17 4
	7065 7 3
<b>TO DONALDSON'S TESTIMONIAL FUND—</b>	
Capital—£72 London Midland and Scottish Railway 4% Preference Stock .....	54 7 2
<i>Revenue Investments—</i>	
£12 4s. 7d. 4½% War Loan, 1925/45 .....	11 13 11
Balance at credit of Revenue Account .....	2 5 1
	68 6 2
<b>TO GODWIS BURSARY FUND—</b>	
Capital—£1,030 London Midland and Scottish Railway 4% Debenture Stock .....	826 11 6
£91 4s. 11d. 5% War Loan, 1929/47 .....	92 7 9
£257 17s. 11d. Victoria 4½% Stock, 1940/60 .....	242 8 6
£100 2½% Annuities (Consols) .....	54 0 0
<i>Revenue Investments—</i>	
£25 5% War Loan, 1929/47 .....	25 6 3
50 War Savings Certificates .....	50 0 0
£10 5% National War Bonds, 1928 .....	10 10 0
£28 8s. 3½% Conversion Loan, 1961 .....	21 17 4
£12 8s. 6d. 4% Consolidated Stock, 1957 .....	10 13 1
Balance at credit of Revenue Account .....	14 18 0
	1348 12 5
<b>TO GRISSELL LEGACY FUND—</b>	
Capital—£20 0s. 8d. "B" Annuity G.I.D. Railway .....	435 14 6
<i>Revenue Investments—</i>	
£20 7s. 8d. 4½% War Loan, 1925/45 .....	19 13 4
£20 5% War Loan, 1929/47 .....	20 5 0
£20 5% National War Bonds, 1928/29 .....	21 0 0
£14 4s. 3½% Conversion Loan, 1961 .....	10 18 9
Balance at credit of Revenue Account .....	1 9 1
<i>Less due from Ordinary Funds .....</i>	509 0 8
	39 10 0
	469 10 8
<b>TO MAINTENANCE SCHOLARSHIP FUND—</b>	
Capital—£1,471 17s. 9d. 3½% Conversion Stock .....	1133 6 1*
Balance at credit of Revenue Account .....	410 13 8
	1544 0 7
Carried forward ..	£14088 7 3
Carried forward ..	£24579 8 4

28 April 1928

## ANNUAL REPORT

417

## BALANCE SHEET OF TRUST FUNDS—continued.

Dr.		£ s. d.	£ s. d.	Cr.		
	Brought forward ..	14088	7 3	Brought forward ..	24579	8 4
<b>TO OWEN JONES STUDENTS FUND—</b>						
Capital—£1,330, London Midland and Scottish Railway 4% Debenture Stock..	1067	6	6			
£1,247 Great Western Railway 5% Consolidated Guaranteed Stock.....	1259	9	5			
<i>Revenue Investments—</i>						
£39 16s. 8d. 4½% War Loan, 1925/45 ..	384	17	5			
£44 6s. 4½% War Loan, 1925/45 ..	42	14	11			
£107 9s. 6d. 5% War Loan, 1929/47 ..	108	16	4			
50 War Savings Certificates ..	50	0	0			
£20 5% National War Bonds, 1928 ..	21	0	0			
£81 4s. 3½% Conversion Loan, 1961 ..	62	10	7			
£41 18s. 6 4% Consolidated Stock, 1957 ..	35	19	0			
£241 13s. 4d. London Midland and Scottish Railway 4% Guaranteed Stock ..	194	10	10			
Balance at credit of Revenue Account .....	114	18	11	3342	3 11	
<b>TO PUGIN MEMORIAL FUND—</b>						
Capital—£1,070 London Midland and Scottish Railway 4% Preferred Stock.....	807	17	0			
<i>Revenue Investments—</i>						
£15 9s. 9d. 4½% War Loan, 1925/45 ..	14	18	9			
£47 16s. 5% War Loan, 1929/47 ..	48	7	11			
£10 5% National War Bonds, 1928 ..	10	10	0			
£28 8s. 3½% Conversion Loan, 1961 ..	21	17	4			
£12 8s. 6d. 4% Consolidated Stock, 1957 ..	10	13	1			
£50 4% Funding Loan, 1960/90 ..	44	2	6			
Balance at credit of Revenue Account .....	27	0	7	985	7 2	
<b>TO SAXON SNELL BEQUEST—</b>						
Capital—£699 4s. New Zealand 3½% Stock	607	8	8			
<i>Revenue Investments—</i>						
£204 10s. 4d. 4½% War Loan, 1925/45 ..	197	7	1			
£56 14s. 4d. 5% War Loan, 1929/47 ..	57	8	6			
£10 5% National War Bonds, 1928 ..	10	10	0			
£24 17s. 4% Consolidated Stock, 1957 ..	21	6	2			
£14 4s. 3½% Conversion Loan, 1961 ..	10	18	9			
Balance at credit of Revenue Account .....	172	12	9	1077	11 11	
<b>TO TITE LEGACY FUND—</b>						
Capital—£1,150 2½% Consols .....	638	5	0			
<i>Revenue Investments—</i>						
£51 12s. 6d. 4½% War Loan, 1925/45 ..	49	15	4			
£61 4s. 6d. 5% War Loan, 1929/47 ..	61	19	9			
£10 5% National War Bonds, 1928 ..	10	10	0			
£14 4s. 3½% Conversion Loan, 1961 ..	10	18	9			
£12 8s. 6d. 4% Consolidated Stock, 1957 ..	10	13	1			
Balance at credit of Revenue Account .....	3	11	3	785	13 2	
<i>Loss due from Ordinary Funds .....</i>	63	0	0	722	13 2	
<b>TO VICTORY SCHOLARSHIP FUND—</b>						
Capital—£1,636 18s. 3d. 5% War Loan, 1929/47 .....	1657	7	5			
Balance at credit of Revenue Account .....	13	13	10	1671	1 3	
<b>TO WIMPERIS BEQUEST—</b>						
Capital—£1,024 18s 8d. Metropolitan Water Board 3% "B" Stock .....	676	9	1			
£100 2½% Annuities (Consols) .....	54	0	0			
£257 18s. Victoria 4½% Stock, 1940/60 ..	242	8	6			
£91 4s. 11d. War Loan 5% Stock, 1929/47 ..	92	7	9			
<i>Revenue Investments—</i>						
£202 3s. 5d. 4½% War Loan, 1925/45 ..	195	1	10			
£71 14s. 4d. 5% War Loan, 1929/47 ..	72	12	3			
£42 12s. 3½% Conversion Loan, 1961 ..	32	16	0			
£12 8s. 6d. 4% Consolidated Stock, 1957 ..	10	13	1			
Balance at credit of Revenue Account .....	35	15	9	1412	4 3	
<b>TO HENRY JARVIS STUDENTSHIP—</b>						
To A. C. BOSSOM, Medal Competition .....	100	0	0	79	19	5
To A. C. BOSSOM, Scholarship Fund .....	600	0	0	700	0	0
<b>TO C. W. HUNT BEQUEST .....</b>						
				500	0	0
				£24579	8 4	
					£24579	8 4

SAFFERY, SONS & CO.,  
Chartered Accountants.

Examined with the vouchers and found to be correct. 23rd March 1928. { HENRY A. SAUL [F.]  
{ J. MACLAUREN ROSS [A.] } Hon. Auditors.

Rough Estimate of Expenditure and Income of Ordinary Funds for the year ending 31st December 1928:—Compared with the actual Expenditure and Income for 1926 and 1927.

	EXPENDITURE						INCOME						
	1926.			1927.			1928.			1926.			
1. PREMISES—													
Total .. .	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	
Total .. .	4560	6	3	4727	7	2	4540	0	0	22540	8	3	
2. ADMINISTRATION—													
Total .. .	11649	18	7	11814	6	8	12264	0	0	963	18	0	
3. PUBLICATIONS—													
JOURNAL—													
Total .. .	4430	10	5	4525	2	4	4545	0	0	1656	7	6	
KALENDAR—													
Total .. .	832	18	10	932	0	7	948	0	0	549	19	7	
4. ADVERTISEMENTS IN PUBLICATIONS—													
JOURNAL—													
Total .. .	218	6	4	3443	11	3	3100	0	0	5324	11	0	
KALENDAR—													
Total .. .	—	—	—	218	7	3	250	0	0	6117	6	0	
5. LIBRARY .. .	354	12	8	359	1	1	400	0	0	1338	6	10	
6. TRAVELLING EXPENSES—													
Total .. .	1678	2	0	1765	8	11	1850	0	0	1294	4	6	
7. GENERAL MEETINGS AND CONFERENCES—													
Total .. .	1571	13	7	1287	8	0	1275	0	0	1235	0	0	
8. EXAMINATIONS AND PRIZES—													
Total .. .	984	3	6	1117	13	11	1023	0	0	161	18	10	
9. CONTRIBUTIONS TO ALLIED SOCIETIES .. .	2238	14	1	2024	13	6	2700	0	0	(Included interest on investments)	61	9	8
10. GRANTS AND SUBSCRIPTIONS	683	13	4	768	1	0	780	0	0				
11. LIBRARY CATALOGUE ..	144	2	4	230	10	8	234	0	0				
12. PROVISIONAL SUMS—													
Total .. .	550	18	3	2675	10	8	1180	0	0				
13. SUNDRIES .. .	234	7	2	367	1	8	400	0	0				
14. NON-RECURRING SUMS—													
Total .. .	647	6	7	140	10	9	—	—	—				
GRAND TOTAL .. .	30779	13	11	36426	15	5	36089	0	0				
Surplus for the Year .. .	3308	2	0	*3810	8	10	*2576	0	0				
GRAND TOTAL .. .	34087	15	11	40237	4	3	38665	0	0				

\*Out of this surplus £3225 was paid in 1927, being part of the liability incurred on taking over from the contractors full control of the advertisements in the R.I.B.A. Journal and Kalendar.

†Out of this estimated surplus £1500 must be paid in 1928, being balance of liability incurred on taking over from the contractors full control of the advertisements in the R.I.B.A. Journal and Kalendar.

‡£30 estimated income from Entrance Fees to be credited to R.I.B.A. Premises Fund.

## Acoustics of Building\*

A REVIEW AND AN APPEAL.  
BY HOPE BAGENAL [A.]

This book marks the first organised attempt by English physicists to deal with our problems. It is thus a hopeful sign. Architects since the war have tackled acoustics but they have been continually in the dark in respect of certain data which nothing but experiment could supply. The interest taken by scientists, able and willing to experiment, is thus of vital importance. Architects can observe in buildings and note results; they can plot sound waves and design reflecting surfaces, but for absorption coefficients, for resonance data, for amplifying, and sound insulation tests, they must rely upon the experiment stations.

Dr. Kaye and Dr. Davis of the physics department of the National Physical Laboratory are distinguished physicists with the whole complicated theory of the subject at their fingers' ends. The book indeed had its origin in Dr. Kaye's Tyndall lectures at the Royal Institution. The opening chapters unfold the *measurement of sound intensity*, the *sensitivity and range of the ear*, the *characteristics of speech and music*, with the rapid lucidity that makes modern scientific prose, from a style point of view, much more worth reading than *belles lettres*. Since the human ear and the human voice are the basis of the subject, their nature as instruments are carefully analysed. These very human organs are given their proper place in the scientific argument.

Interesting facts emerge. For instance, Nature has designed the ear most sensitively in that region of pitch "which carries those characteristics of speech found to be essential to intelligibility," namely, from about two octaves above middle C on piano upwards. Again, speech is naturally most distinct at ordinary loudness, a tenfold increase or decrease will make little change, but a "decrease in amplitude to one hundredth is found on a telephonic test to reduce the intelligibility of isolated syllables to about 50 per cent.—a state which falls short of the 70 per cent. criterion usually taken by telephone engineers to represent the practical limit of intelligibility for speech." This means that if a large hall is made completely dead by absorbing material, distinctness as well as loudness is impaired. A speech tone like a musical tone consists of a low-pitch component and several high-pitch or upper components. The latter give to speech its characteristics of intelligibility, just as the overtones of a note give it its musical *quality*—its character of violin or piano. Therefore, both for speech and music, it is important to preserve upper components. In speech, some of the consonants, for instance the "hiss" sounds, have components of very high frequency even above 4,000. "For distinctness of speech it is therefore vital to maintain adequate loudness of the high pitched sounds and thus preserve the vigour of the consonants."

It might be pointed out that in practice the way to do this is to have enough hard smooth plaster and on the right reflecting surfaces. This it is that reflects what

musicians call "tops." But some of the commercial absorbents, by having their maximum efficiency in the upper frequencies, eliminate "tops." In concert rooms this elimination has another effect—it prevents players in an orchestra from hearing themselves, and has caused serious complaints. Reflectors are as important as absorbents, and the regions of maximum efficiency for all absorbents are required by architects. In this respect the paragraphs on "selective absorption" in this book are disappointing and the heading does not even appear in the index.

A clear exposition is given of syllabic speech and percentage articulation. Architects should have Eckhardt's diagrams of syllables to show to clients. Englishmen are bad deliverers of speech, and if they would recognise the syllables as the unit, and adjust it to reverberation, many complaints could be avoided. I have heard a skilled canon make his sermon intelligible over the whole of a Benedictine nave by adjusting his tones and playing upon his church as upon a slow instrument; and, conversely, there are men who cannot achieve intelligibility across a 4-ft. board room table.

Under "Resonance" no explanation is offered of the difficult phenomenon known as the "note of the church." We are told that "the air of the room itself may respond particularly to certain notes—the pitch being higher the smaller the room." Why, then, are so many churches, varying in size, Treble A or A flat? For instance, Ripon nave A; Ripon choir A flat; Westminster Cathedral A flat; Christchurch, Oxford, A; Charterhouse Chapel A flat. This is not a mere theoretical curiosity. I had recently to advise on a Roman Catholic church that had no reverberation and no "note," and badly wanted both for the sake of rendering mediæval music. It is difficult for a choir singing plain-song to keep in tune without a "note." On the other hand, valuable information is given here upon vibration in wood panels. It is admitted that vibrating panels, distant and disconnected from the source, can absorb sound by responding to sympathetic air-born vibrations. I have been convinced of this for some time through touching panels at concerts: a cello can set an oak panel vibrating at 30 feet without mechanical coupling. But this means in practice that wood is a much more powerful absorbent for loud low musical tones than for speech. The vibrating panels at a distance will not, however, by sympathetic vibrations, increase loudness. To do that they must be near the source and mechanically coupled with it.

The authors' remarks on Loud Speakers, based on theory and on their practical experience, are most valuable. "It should be clearly understood that the introduction of a loud speaker equipment is not a cure for excessive reverberation." Moreover, reverberation tends to make the apparatus "sing." The difficulties of synchronising, to within one fifteenth of a second, the arrival upon the ear of the human sound and the amplified sound are also discussed. It is becoming increasingly obvious that comfortable hearing for amplified speech requires special

\**Acoustics of Building*. By A. H. Davis and G. W. C. Kaye. £10. Lond. 1927. 15s. [Geo. Bell & Son, Lond.]

28 April 1928

design. At Geneva I am told the dislike of "the two voices" unevenly timed is increasing.

On special types of auditories the book is disappointing : valuable principles are laid down but modern plans are not given. The ceiling of the House of Commons is cited as "not greater than 35 feet high"; it springs at that height but rises to 44 feet. On the other hand, the paragraphs on transmission are excellent and the problems of sound-proofing are referred to actual examples. In practise these problems depend largely on cost. It is not often possible to afford what was done at the practise rooms at St. Paul's Girls' School and at the National Institute for the Blind; the operations are too many and materials like lead and mascolite too expensive. The architect's problem is to simplify the insulation and materials and oversee certain vital labours.

The authors' own work on measuring transmission is of great value ; it has lead to a clearer view of experimental requirements. Of the Watson method of testing partitions, the authors say, "in general, partitions should be of the size in which they will be used in practise. Clearly also, the beam of sound should be large enough to cover the whole test partition." Experiments, indeed, could be usefully delimited by practical requirements. Partitions and glass panes are vibrating plates, and both absorb and transmit according to area and rigidity ; they should be tested therefore to a commonly used specification. Moreover, transmission and absorption values should be tested together and figures supplied for both. A practise-room partition ought to absorb without transmitting ; but glass influences musical tone by transmitting low notes and reflecting high. But the thorough method of testing is only possible in a proper Sabine laboratory having test openings of, say, 10 feet square, and in which tests are extended over at least six octaves. We want tests for English commercial materials to English specification, resembling the American results given by P. E. Sabine and cited in this book in Table XV. For transmission values the low notes are the most important ; the noise from heavy traffic is low in tone and complaints about kinema organ-playing in adjoining premises are due to low tones setting party walls in motion.

But, alas, the Sabine laboratory once promised to us has now receded into the distance again owing to lack of funds ! Dr. Kaye and Dr. Davis have done some admirable work in their small sound-proof room at the N.P.L. on test specimens 5 feet by 4 feet, but there is no use blinking the fact that without a Sabine laboratory the joint work of the N.P.L. and B.R.B. is handicapped at every point. When we look in this book for new absorption co-efficients this is obvious. The contribution of new figures, useful to practising architects, is disappointing. Bearing in mind that we want specification samples and tested over at least

six octaves the only new figures of practical value are those obtained by Messrs. Barnett and Glanville of the Building Research Board and revised by Dr. Kaye and Dr. Davis. These are given in Table IX. The figures given in Tables X and XI, arrived at by the stationary-wave method over a limited range and on small scale samples, are not of much value to architects. A criticism of results of this kind is given on p. 95 of this book. Sound absorption coefficients, say the authors, "should be expressed for areas sufficiently great for the result to be independent of area. It appears desirable in comparing materials to use samples of the same standard, size and shape, say, 10 feet square." This reinforces the opinion expressed long ago by the R.I.B.A. Science Standing Committee that they were in favour of large scale samples tested by the Sabine method.

Lack of funds alone prevents the proper progress of this important branch of applied science. We have at the N.P.L. and the B.R.B. exactly the collaboration necessary for the difficult work—the collaboration of physicist and building expert. Further absorption tests are indeed to be made in a test chamber at the new Building Research Station, but are much curtailed for economic reasons and the test chamber is not a Sabine laboratory.

Architects can help by enlisting clients of means whose interest it is to get the best acoustic results. Thus, the useful figures referred to as given in Table IX of this book were partly the result of a contribution by the Government of India towards the payment of specific tests at the request of Sir Herbert Baker for his work at the Delhi Legislative Chamber. The Municipality of Singapore have also recently asked for some tests for which payment will be made in order to find a material suitable as an absorbent in a tropical climate. Grants might also be made for an acoustic research programme. The thinner our partitions grow, and the harder and more hygienic our floors, the greater becomes the necessity for a sound insulator that shall be a smooth absorbent on the inside for wall and ceiling. Already the horrid intimacy in which neighbouring flat dwellers and residents in cheap houses are forced to exist causes serious complaints. Yet noises from without and from within increase monthly. Every day new materials are placed upon the market, purporting to remedy this and that ; by testing all these, a direction of development could be given to commercial enterprise. A steady energetic campaign directed towards the sound insulating of homes and offices should be going on and should have as its headquarters a proper Sabine laboratory, properly served and equipped. When we think of the huge sums spent on the perfecting of the noise makers in the modern world it should not be impossible to collect the poor two thousand necessary for the peace makers.

# Some Holiday Reflections

EASTER, 1928

BY H. AUSTEN HALL [F.]

During a short holiday in Somersetshire I visited Dunster for the first time, and I was surprised to find the old Yarn Market was so dilapidated as to be in a dangerous condition.

According to local information it has not been repaired for about 300 years, which I should say is probably correct judging from the state of the main timbers.

The unique character of Dunster is well known, and it will be conceded that much of its interest is due to the old market building which is such a prominent feature of the village street.

It might be expected that the owners of a building of national interest would keep it in repair, but we have to face the fact that they do not do so. Local Authorities have no funds for the maintenance of historical buildings, and the numerous architectural Societies are in no better way. The question of ways and means is discussed later in these notes.

I also visited Taunton, where I saw the Shire Hall and Market, an interesting if somewhat dull Georgian building occupying the finest position in the centre of the town.

The arcades round the Market are a feature of this building. They have apparently shown signs of failure because of the thrust of the arches. To counteract this thrust wooden joists and tie rods have been carried across the springing of the arches, and the result is in the highest degree disfiguring.

In addition to this, a bus office has established itself under the arcade, and varieties of stalls and odd buildings occupy the space in a most incongruous way. A badly written notice on one wall tells the visitor that it is a fish market. The stonework is painted a pea soup yellow, which effectually destroys any value there may be in the tone of the old brickwork.

The general effect of the Shire Hall is one of extreme slovenliness, such as belongs to a back yard rather than the central square of the capital of the county.

There seems to be no local appreciation of a good building, or any proper conception of the dignity suitable to the Shire Hall in the centre of the town. To restore this dignity is so simple that it may not occur to the Authorities. The building could be made most attractive if the colour of the paint was altered, and if the most ordinary rules of fitness were observed in the general use of the market space.

On the road between Taunton and Dunster are the usual garages and petrol pumps in their inevitable war-paint, but one was especially noticed. It stands within a very few yards of an old cottage with thatched roof and rose coloured walls. In such a setting a new garage has been erected of the usual corrugated iron, with the sides covered with the petrol signs which are only too well known. The view from the bend of the road, which was really beautiful, is now completely destroyed, and that by a temporary building which could be removed in forty-

eight hours, and not a trace remain of it. It is tantalizing to think how simple the operation would be.

These instances might, of course, be multiplied a thousand times, but they are here referred to because they stand for three examples of the destruction of rural England which is taking place under our eyes at the present moment. I should like to restate these as follows:—

1. The decay of ancient buildings throughout the country through the indifference of the owners, and the impotence of the Authorities to act.

2. The disfigurement of many sound buildings by the use of the wrong colour of paint, bad lettering and a general disorder and lack of dignity in the surroundings.

3. The widespread destruction of beautiful places through the lack of control in the building of garages, with their petrol pumps and advertisements.

The difficulties of dealing with these evils are well known, and the Council for the Preservation of Rural England has no doubt a good programme of its own in preparation, but, nevertheless, other opinions may contain ideas that can be utilized.

My opinion on the case of the repair of old buildings is that, while appeals such as that for Durham Castle are necessarily of a national character, there is a great deal that could be done in a quiet way by architects themselves.

If each architect in practice, who could afford it, would make himself responsible for the saving of some interesting building, were it only the village pump house or market cross, it would be a graceful return for the degree of success with which providence has blessed him, and would be an immense stimulus to those others, who can better afford it, to save their inheritance before it is too late.

I would go further than this, and say that entire villages could be advised, free of cost, on the question of the colour of paint, the character of shop lettering, and the general fitness of new work contemplated in their streets. In this latter no doubt the Rural District Councils would have to be approached, but there is every prospect that architectural advice (for which no fees are involved) would be acceptable.

Members of the Local Society would volunteer for this work at the request of the Institute, or if no such service was available, means might be found to pay for the necessary advice out of Institute funds.

The existing system which relates the Institute in London to the Societies in the country seems an admirable instrument for the purpose of such an organisation.

The most difficult question of all, the roadside garage, is one for greater powers by the County Councils. While architects can unite to save what we have got from destruction, it needs quite other powers to control the development of road frontages in private ownership.

Finally, while many architects have enjoyed great prosperity since the war, and when great sums are being

spent in education, the only thing of which we can really be proud, our national architecture, is falling into ruins or being so disfigured by ignorant ownership that it is losing all character of its own. While we are looking to America, and Sweden, and Munich for ideas for national traditions are becoming extinct, and the very alphabet of our traditions is being destroyed.

We as an Institute are responsible to the nation to say what should be done; we have taken over the control of architectural matters, and we are now faced with the

choice of preserving our old buildings and developing our own architecture on traditional lines, or adopting the ideas of Stockholm or the Rue Mallet Stevens.

Personally I prefer Guildford or Dunster or Rye to anything the Continent has to teach us, and I think our first duty, before spending our energies upon education or registration (or even upon new forms of contract), is to defend our towns and countryside before it is too late.

If we volunteer the service, there will be no lack of support from the country.

## Council for the Preservation of Rural England

THAMES VALLEY BRANCH—OXFORD TO STAINES.

In accordance with the decisions arrived at as the result of the Conference held at Reading on 7 July last year, the Council for the Preservation of Rural England, convened a meeting to inaugurate its Thames Valley Branch at the Shire Hall, Reading, on Friday, 30 March.

The meeting was representative of the Counties of Oxford, Berkshire and Buckinghamshire, Surrey and Middlesex, and included members of the Local Authorities, Regional Planning Committees, representatives of the Ministries of Health, Agriculture and Transport, the Thames Conservancy, the Universities of Oxford and Reading, Eton and Radley Colleges; local Archaeological and Scenery Preservation Societies, together with landowners and others interested in the preservation of the beauties of the Thames Valley from Oxford to Staines.

On a motion by Lord Wyfold, supported by Sir Arthur Griffith Boscaen and unanimously adopted by all present, Lord Astor was invited to take the chair.

Opening the proceedings, Lord Astor recalled that the initial action to consider what practical steps could be taken to preserve the amenities of the Thames Valley had taken place some months ago. "The matter was urgent then," said he, "and was still more urgent now." Those associated with the Thames Valley, either in an administrative sense or as owners of property, realised that in this connection there devolved upon them a national trust and obligation. Under the draft Constitution and Rules which were before the meeting for approval it was proposed to set up a General Committee which would be invited to appoint an Executive Committee. This, in its turn, would appoint various Sub-Committees to deal with practical aspects of the problem, and also a technical panel of experts. "It had been considered advisable," continued his Lordship, "not to create a separate organisation for the Thames Valley but to form a branch of the national Council for the Preservation of Rural England. It was important to proceed on these lines because in the Lake District and in the South West and other beauty spots throughout the country proposals were on foot to set up similar bodies. Those bodies would probably be guided as to their constitution by whatever decision was reached in connection with the Thames Valley project. Lord Astor emphasised the fact that neither the General Committee of the Branch, nor the Executive Committee nor the Technical Committee had the right to impose anything upon any statutory body. He would be the last to associate himself with any movement which sought to deprive the great local Government authorities of any of their powers or rights. The sole objective of the branch would be to co-operate with the local authorities, landowners and voluntary associations interested in preserving the amenities of the Thames Valley.

Lord Astor concluded by moving that the Draft Constitution and Rules be approved "in principle," subject to detailed consideration later by the Executive Committee.

The Earl of Mayo, seconding, said that year after year the beautiful Thames Valley was being thoughtlessly disfigured, and that it would lose its unique characteristics if prompt steps were not taken to stop the destruction now proceeding. The steps now proposed in connection with the Thames Valley were only part of a general scheme for the preservation of Rural England. One aspect of the matter which the Council had under consideration was the possibility of inaugurating a system of voluntary architectural assistance in the design and construction of small houses and cottages, in cases where such assistance would not ordinarily be available. Many thousands of small houses were being erected which were a distressing disfigurement of the countryside. Properly designed they could be made an ornament to the locality in which they were erected.

The Draft Constitution and Rules were, in principle, unanimously adopted. The General Committee and officers were also appointed.

Lord Desborough, chairman of the Thames Conservancy Board, moving the election of Lord Astor as chairman of the Branch, remarked on the fact that the present intention was not to carry the activities of the Branch further up the river than Oxford. "Fresh locks," he said, "were being erected above that point, and that obviously would bring a great many people into an entirely rural district. If action could be taken above Oxford before the land changed hands and was built over, a great deal might be accomplished."

Lord Astor promised to bring Lord Desborough's point before the Executive Committee and do everything possible to extend the influence of the branch beyond Oxford.

The vice-chairmen of the Branch were elected as follows: Lord Desborough, Lord Hambledon, The Rt. Hon. H. A. L. Fisher, Mr. A. H. Benyon, and Mr. W. H. Ashurst.

Sir Michael Sadler, in proposing the names of the Executive Committee, took the opportunity to impress upon the meeting the interest with which the newly formed Oxford Trust regarded the Thames Valley Branch. As the Trust's representative at the meeting, he assured them of their willingness to co-operate and assist in every possible way.

Following the appointment of the Executive Committee of the Branch, the Earl of Mayo, explaining the probable function of the Technical Committee, said it was anticipated they would ask representatives of the Royal Institute of British Architects, the Town Planning Institute and certain of the county and borough surveyors to assist on technical points. Possibly the Committee would later desire to add to its personnel other persons possessing special technical knowledge.

28 April 1928

## CROSS-RIVER TRAFFIC

423

The chairman then proposed, and Mr. O'Callaghan (Egham Urban District Council) seconded—"That it be an instruction to the Executive Committee to proceed forthwith to formulate a scheme to carry out the objects of the Branch." This was unanimously adopted.

Remarking on a suggestion that the activities of the Branch might even be extended to Cricklade, Lord Desborough said that navigation was being developed up to that point and action ought certainly, if possible, to be taken before building commenced.

On a motion of the Hon. G. Phillimore (Oxfordshire Regional Planning Committee), the meeting unanimously decided to invite the National Farmers' Union to nominate a representative on the General Committee.

A meeting of the Executive Committee was subsequently held at which Lord Astor submitted proposals for a survey of the Thames Valley from Oxford to Staines, a project which will be carried out this year. The object of a survey is to obtain a complete and connected picture of all the conditions and facts relating to the river, with a view to preparing a report and plan to indicate how best and most economically the amenities can be preserved, due allowance being made for the needs of industry and of housing.

Parts of the river are already being surveyed by different Joint Committees and Authorities, as a part of their general problem, but what is needed is a survey and report dealing solely with the Thames from Staines westwards. Incidentally such a survey will reveal clearly the key positions of beauty spots and the extent of ground necessary to protect for their preservation. Authorities who have had experience of buying views in penny numbers will appreciate the value of a survey which shows at a glance the whole extent of the problem.

The C.P.R.E. Thames Valley Branch consists of a membership of Local Authorities, Universities, Societies, Field Clubs, Antiquarian Societies, Angling and Rowing Societies, Riverside Clubs, and individuals connected with or interested in the Thames from Oxford to Staines.

The annual subscription is one guinea, and the Branch will welcome contributions of any amount from those interested. These should be sent to the Secretary, The Council for the Preservation of Rural England, Thames Valley Branch, 33 Bloomsbury Square, London, W.C.1, from whom all particulars can be obtained.

*General Committee.*—Council for the Preservation of Rural England : The Earl of Mayo ; Mr. E. Guy Dawber, A.R.A. ; (a) Oxfordshire County Council, Major Anthony Muirhead, M.C. ; (b) Berkshire County Council, Alderman J. W. Walker ; (c) Middlesex County Council, Alderman Basil Holmes, J.P. ; (d) Buckinghamshire County Council, Dr. L. H. West, O.B.E. ; (e) Surrey County Council, Mr. F. E. Lemon, J.P., C.A. ; (f) County Borough of Oxford, Alderman W. M. Gray, J.P. ; (g) County Borough of Reading, Councillor F. G. Sainsbury ; (h) Municipal Boroughs, Councillor Oldershaw, J.P., Mr. W. Carlyle Croasdale ; (i) The Urban District Councils, Mr. A. A. Somerville, M.P., Major R. B. O'Callaghan, J.P. ; (j) The Rural District Councils, Lady F. W. Smith, Mr. A. P. Shaw ; (k) (1) North-West Surrey Joint Town Planning Committee, Captain T. Loman, (2) Oxfordshire Regional Planning Committee, Captain the Hon. G. Phillimore, (3) South Bucks and Thames-side Regional Planning Committee, Mr. C. W. Gladwell, (4) West Middlesex Joint Town Planning Committee, Mr. Harry Fear, (5) Berkshire County Advisory Town Planning Committee, Mr. Francis Bate, O.B.E. ; (l) The Thames Conservancy, Alderman Chas. G. Field ; (m) The University of Oxford, Rt. Hon. H. A. L. Fisher ; (n) The University of Reading, Mr. W. M. Childs, Vice-Chancellor ; (o) The Local Landowners—Lord Desborough (Taplow), Lord Astor (Cliveden), Lord Esher (Windsor), Sir Hugo Cunliffe Owen (Maidenhead), Lady Vansittart Neale (Bisham), Lord Phillimore (Henley), Edward Riddel Blount, Esq. (Caversham), A. H. Benyon, Esq. (Reading), Sir William Mount (Wasing), Rev. H. C. Wilder (Pangbourne), R. C. Powy Lybbe (Streatley), Mrs. Herbert Morrell (Streatley), Sir John Wormald (Wallingford), Lord Harcourt (Nuneham), Col. ffennell (Oxford), The Bursar of Christ Church (Oxford), Warden of Radley College (Oxford), Lady Rose (Hardwicke), Eton College (Eton), Howard Gould, Esq. (Wallingford) ; (p) (1) The Oxford Trust, Sir Michael Sadler, K.C.S.I., C.B. ; (2) Wallingford to Mapledurham Local Preservation Society, Lady Godlee, (3) Berks Archaeological and Architectural Society, Rev. P. H. Ditchfield ; (q) The Rural Community Council of Oxford, Rev. A. E. Caldicott ; (u) The National Federation of Women's Institute ; (v) The National Farmers' Union. Co-opted, Alderman E. H. Dee.

## Cross-River Traffic

The Parliamentary correspondent of *The Times*, in the issue of 24 April, publishes a lengthy statement on the future of Waterloo and Charing Cross bridges, on which a leading article of the same date makes the following commentary :—

"In the important statement on the future of Waterloo and Charing Cross bridges, which we publish to-day, our Parliamentary Correspondent announces that the engineers' report on the new bridge at Charing Cross recommended in 1926 by the Lee Commission has been completed, and is now in the hands of the Prime Minister. It is expected, he says, that the decisions of the Government based on the report will be made known in the near future, and will be submitted for consideration to the various authorities concerned. It is further considered probable that the scheme embodied in the Government's decision will be entirely different from that proposed by the Royal Commission. The Lee proposals, it will be remembered, were that the present Waterloo Bridge should be retained—but should at the same time be

widened to take four lines of traffic—and that the place of the existing Charing Cross Bridge should be taken by a new double-deck rail and road bridge in a slightly different position. The new scheme, if it is adopted, will, it is understood, agree with the Commission's recommendations, so far as Waterloo Bridge is concerned, but will strike out an entirely new line for dealing with the cross-river traffic at Charing Cross. It makes the bold and sweeping suggestion that Charing Cross Station should be removed from its present position and placed on the south instead of on the north side of the river, and that the railway traffic with which it now deals should be accommodated by a wide extension of the existing Waterloo Station. That is the first part of the new scheme. The second proposes that Hungerford Bridge and the Charing Cross railway bridge should be demolished and their place taken by a road bridge stretching from a point near the Nurse Cavell statue to Waterloo Road.

"In many minds there will be a feeling of regret that

the proposals of the Lee Commission, which were prepared with such exemplary dispatch, should to a large extent be scrapped in favour of a scheme which it has taken about twice as long to devise. Now, however, that the delay is over and the report of the Engineers' Committee completed, the new plans call for the same careful examination on the part of the authorities and the public as was given to the old. The first and over-ruling consideration is that of expense. As has long been anticipated would be the case, the Engineers' Committee have come to the conclusion that the original estimate of the cost of the double-deck bridge was put at much too low a figure. They calculate that Lord Lee's scheme would cost from £11,000,000 to £11,500,000, and are unable for this reason to give it their support. It is in casting about for an alternative scheme which would give the same traffic facilities for a lower expenditure of public money that they have hit upon the proposals now about to be made. According to the estimates prepared by Sir Henry Maybury and others, the cost of the suggested road bridge at Charing Cross and of the demolition of buildings, together with the sums paid in compensation, would be approximately £5,000,000, and that of the whole of the contemplated scheme, including the works on both sides

of the river and the underpinning and widening of Waterloo Bridge, about £10,000,000, which would represent a saving of from a million to a million and a half on the revised estimate for the Lee scheme. If their accuracy is established these figures undoubtedly in themselves constitute a strong argument for the alternative proposals, which are further recommended by the fact that they, too, like the scheme of the Commission, provide for the retention of Waterloo Bridge and for the disappearance of the unsightly bridge which now spans the river at Charing Cross. There is undoubtedly also something attractive in the conception of a glorified Waterloo Station, and of the construction of a low-level road bridge of beautiful and dignified proportions across the river. With the facilities provided by tube communications under the bed of the river and their possible extension, the removal of Charing Cross Station to the south bank ought not to put suburban travellers into or out of London at this particular point to any serious inconvenience. On the whole it seems to be probable that the contemplated rearrangement of the cross-river traffic, provided that it can be carried out on the lines and for the expenditure suggested, ought materially to reduce the congestion in the streets on the north side of the river."

## The Building Trades Exhibition

BY HERBERT W. WILLS [F.]

Every succeeding exhibition at Olympia is better than the last and shows the result of Mr. Montgomery's admirable management and enterprise. One may even perhaps look forward down the vista of years and imagine the Building Trades Exhibition taking a similar position to the Nijni Novgorod Fair in Russia, or those of Leipzig and Lyons in France; that is a national and not only a purely commercial enterprise.

As always, the exhibition attracts those classes of people—those directly connected with the industry, those members of the public who are looking for means to compass that El Dorado—a method of building at low cost, and the large body of those to whom any and every exhibition affords pleasure irrespective of its object.

Our old friends, the known and well tried and proved manufacturers of building appliances and methods are, as always, represented, and also those who are trying to introduce new methods and appliances as yet on probation. I have not the least doubt that Mr. Montgomery knows his business best, and can feel the public pulse better than any outsider can. Nevertheless it always seems to me that it is intrinsically wrong to allow those who take spaces for exhibition purposes to erect and design their own stands. The varied design attracts attention away from what is shown, which should be the main object, and destroys unity. It would be far better if all the stalls belonging to a certain section were absolutely localised, so as to save the time and trouble of those who really wish to make a selection. This might occasion a certain loss in some ways, but would save time and fatigue to those who really wish to do business, and who do not come out of casual interest.

It is always difficult and often impossible to persuade the successful man that he might achieve greater success, but we believe if Mr. Montgomery would hold an architectural competition for the best lay-out of the Building Trades Exhibition and the best design for a uniform treatment of stalls and would then let out the fittings to exhibitors at every successive exhibition, this exhibition would be even more successful than it is at present, and much of the immense trouble and anxiety which always precedes the opening of each exhibition would be obviated.

The building papers, as usual, give careful and painstaking reviews of the exhibition, and I can only record general thoughts which arise after a comparatively short visit.

Among many novelties, the Turn lift, patented by Messrs. Wm. Wadsworth and Sons, of Bolton, who have devised a turning lift for motor garages, seems one of the most interesting and useful. By it a garage of many floors can be served. The motor car can enter the turning lift at any angle, and can be discharged at an upper or lower floor at the desired angle. This is bound to fill a very useful place in the design of storeyed garages, and is well illustrated by a small working model.

Among the most interesting of art exhibits is the beautiful series of rooms designed by the Bath Aircraft Company, which show the highest level of design and workmanship now attainable.

Of the various stands, that of the *National Builder* is one of the best, free as it is from over-elaboration or any attempt at emulating the vagaries of l'Art Nouveau or impressionism in design. To go back to my theme, how

admirable would be the effect of one of the long ranges of stalls from end to end of the hall treated with a simple range of columns and arches in this manner? We must also compliment *The Builder* on the excellent models they show of old architectural work, which make their stall one of the most interesting in Olympia. I give these general impressions as those of a cursory visitor, who has seen the long series of exhibitions for years, but has always arrived at the same general conclusions.

## Correspondence

### STONE PRESERVATION AND DECAY

*Roermond, Amsterdam.*

4 April 1928.

*To the Editor, JOURNAL R.I.B.A.,—*

DEAR SIR,—In reading Professor Laurie's paper on "Stone Preservation and Decay," which interested me very much, I was struck by the statement that Professor Laurie had appreciated the ideas explained by M. Knapen of Brussels some years ago in London.

As I had the advantage of meeting the engineer Knapen before 1913, and applying his system in different cases, it may be of some use to readers of the JOURNAL (R.I.B.A.), to hear about the application of the "Knapen Method" for drying walls and preventing them from decay.

We employed this system some 15 to 18 years ago in different buildings specially in brick walls, in mediaeval buildings as well as in modern work; and in all cases we succeeded in getting the attacked parts so dry as to prevent any further decay of brick or of mortar. No traces of moisture are left inside the walls.

In most cases, when walls are directly exposed to rain that is swept against its surface in abnormal quantities, coming down from the glass surface of windows, or from overshadowing, the drainage system of Knapen is the only way to preserve the brick or the stone.

The practical way in which M. Knapen has adopted his sound theoretical ideas about ventilation, proves to be of direct use in any building, where the opening of doors or windows is not sufficient to prevent the condensing of damp against ceilings or walls. And as the adopted principle is only the different barometric pressure of the air, that always exists on different sides of a room, a hall, or even a combination of rooms in a large building, he shows us how to ensure natural ventilation without draught, or noisy and costly fans.

I shall be very glad to give further particulars about the adaptation in Holland of these principles to any architect who may be interested in the theory of M. Knapen of Brussels.—Most truly yours,

JOSEPH CUYPERS,  
*Hon. Corr. Mem.*

### THE CHURCH RESTORATION COMPANY

*The Church Restoration Co.,  
247 Castle Boulevard,  
Nottingham,  
23 April 1928.*

*To the Editor, JOURNAL R.I.B.A.,—*

Sir,—Our attention has been called to a letter appearing

in your JOURNAL of 14 April 1928, under the hand of Mr. Percival M. Fraser, F.R.I.B.A.

Mr. Fraser's quotations are obviously intended to rouse the ire of a professional body for which we have the greatest respect, and we beg to ask you to publish our reply in your columns.

### "ARCHITECTS."

#### "WHEN NECESSARY."

We carry out a large number of minor repairs throughout the country, when the services of an architect are obviously unnecessary, and we are often consulted and are asked to execute work where the advice of an architect is equally obviously needed. In the latter case we invariably inquire if there is a local architect experienced in dealing with ancient buildings, and we are always carrying out works under distinguished members of your Society.

#### "OUR ARCHITECT."

We do retain a practising member of your Society to advise us when required, and we pay him your full scale charges for all his work. His fees form part of our establishment charges, as often, after he has given his report, work is deferred indefinitely for financial reasons. Several architects, our own included, objected to this paragraph, and in deference to them we endeavoured to obliterate it, but apparently, not quite successfully.

It will be quite clear to you, we feel sure, that our book is neither written, illustrated, nor edited by an architect, and if we have unconsciously given any offence to members of your profession by its publication we very willingly express our sincere regret.

LIONEL NEVINS.

### EXHIBITION OF MR. E. W. WIMPERIS'S WATER-COLOUR DRAWINGS.

It was a kindly thought on the part of Mr. E. W. Wimperis to have an exhibition of some ninety of his water-colour drawings at Walker's Galleries, and to give the profit from the exhibition to the Artists' General Benevolent Institution. Whether intentionally or not, Mr. Wimperis certainly benefited the purchasers of his pictures by giving them excellent bargains for their money as well as the good cause which he has so much at heart. And as probably the sale-room never occurred to him when he was making the sympathetic studies of landscape, seascape, and riverside, we can imagine that parting with them was no small effort of personal sacrifice. Mr. Wimperis's father was a well-known and distinguished painter, which suggests that his eldest son's gift is part of a natural heritage, for certainly his skill is much greater than that of the average architect who makes water-colour drawings on a holiday. Mr. Wimperis's love of interpretation extends beyond architectural studies; it reveals a real love of nature in its many phases of beauty or moods of expression. He is not at all tied to his architectural last. Owing to his courtesy we are able to publish one of his architectural water-colours as a frontispiece, the interior of the church at Lenno on Lake Como, which naturally loses much of its quality in reproduction without colours.

## Allied Societies

### Notices

#### ESSEX SOCIETY OF ARCHITECTS.

##### WEST-ESSEX CHAPTER.

The Chairman and Executive of the above are anxious to secure the attendance of members at a Conference to be held at the Old Church House, Market Place, Romford, on Friday, 25 May, from 5.30 to 7.30 p.m.

It is hoped on this occasion to inaugurate an Educational Movement throughout the district, in close collaboration with the Education Authorities, for the better understanding of Architecture and appreciation of design in our schools.

It is felt that the builders are, broadly speaking, giving the public the standard of architecture in housing that it appreciates, and it seems essential that if distinct betterment, more particularly in domestic architecture, is to be achieved, those who desire homes must be in a better position to appreciate a higher standard in this respect.

The representatives of the schools, elementary, intermediate, and higher grade, as well as the county authorities, are being asked to confer upon this subject, and Members of the Chapter will propose a series of competitions in the schools, with a public exhibition in the autumn, and other means of securing the desired end.

Prior to the meeting, tea will be served in the lower hall, at 5.0 p.m.

S. PHILLIPS DALES, *Hon. Sec.*

Will members please note the following coming events:—

(a) Saturday, 7 July, conducted visit to Bishop's Stortford and its College.

(b) Friday, 19 October, inspection of Banqueting Plate and Guildhall of the Painter-Stainers Company, followed by a Chapter Meeting at the Chapter House, St. Paul's Churchyard.

(c) Wednesday, 14 November, reception at Ilford Town Hall, and general Chapter Meeting in conference with the County Society of Architects.

(d) A dinner and dance will also be arranged during the month of November.

Detailed announcements will follow.

#### THE LIVERPOOL ARCHITECTURAL SOCIETY.

##### EIGHTIETH SESSION, 1927-1928.

The Annual General Meeting will be held on Monday 30 April 1928, at 5.30 p.m. in the Society's rooms, Bluecoat Chambers, School Lane.

Members will be given an opportunity to discuss the effect of the alteration in Bye-Law 85 of the R.I.B.A.

The following is a list of Members whom the Council nominate for the offices of President, Vice-Presidents, Hon. Secretary, Auditors and unofficial Members of the Council, etc.

President : Duncan A. Campbell, F.R.I.B.A. (14); Vice-Presidents : B. M. Ward, F.R.I.B.A. (11), E. L. Bower, A.R.I.B.A. (13); Representative on the Council of the R.I.B.A. : Duncan A. Campbell, F.R.I.B.A.; Hon. Secretary : F. X. Velarde, A.R.I.B.A. (13); Unofficial Members of the Council : Fellows (Seven to be elected), L. Barnish, F.R.I.B.A. (12), H. A. Dod, M.A., F.R.I.B.A. (9), G. W. Fraser, M.C., F.R.I.B.A. (8), G. de C. Fraser, F.R.I.B.A. (3), Ernest Gee, F.R.I.B.A. (11), E. P. Hinde, F.R.I.B.A. (13), W. P. Horsburgh, F.R.I.B.A., L. H. Keay, L.R.I.B.A., E. B. Kirby, O.B.E., F.R.I.B.A. (8), D. G. McIntosh, F.R.I.B.A., Prof. C. H. Reilly, O.B.E., M.A., F.R.I.B.A. (7). Associates

(Two to be elected) : J. S. Allen, B.Arch., A.R.I.B.A., H. H. Davies, A.R.I.B.A., H. S. Silcock, B.Arch., A.R.I.B.A., A. C. Townsend, A.R.I.B.A. (13). Hon. Treasurer : E. J. Dod, A.R.I.B.A. (6); Hon. Librarian : E. H. Honeyburne, A.R.I.B.A.; Hon. Auditors : Lionel Thornely, C. H. Hutton, B. Arch., A.R.I.B.A.

The Council held fourteen Council Meetings during the year ; the figures in brackets denote the number of attendances at the Council Meetings.

After the Annual General Meeting, the Twelfth Ordinary Meeting will be held. Business : To hear a paper by Professor C. H. Reilly, O.B.E., M.A., F.R.I.B.A., on "New Delhi" (lantern slides). Meeting opens at 5.30 p.m. Council meeting at 4.30 p.m. Tea will be served in the Library at 5 p.m.

ERNEST GEE,  
F. X. VELARDE,  
*Hon. Secretaries.*

## Reports of Meetings

#### BERKSHIRE ARCHITECTURAL SOCIETY.

The Eighth Annual Meeting of the Berkshire Society of Architects was held at Reading University on Wednesday, 28 March.

The Officers for 1928 were elected as follows :—Chairman : Mr. G. B. Willcocks, F.R.I.B.A.; Vice-Chairman : Mr. J. T. Saunders, F.R.I.B.A.; Hon. Librarian : Mr. H. Whiteman Rising, F.R.I.B.A.; Hon. Treasurer : Mr. W. R. Morris, F.R.I.B.A.; Hon. Auditors : Mr. A. S. Cox, L.R.I.B.A., Mr. E. P. Morgan, L.R.I.B.A.; Hon. Secretaries : Mr. W. J. Freeman, A.R.I.B.A., Mr. E. Steward Smith, A.R.I.B.A.; Four Members : Mr. W. Roland Howell, F.R.I.B.A., Mr. Harry Hutt, F.R.I.B.A., Mr. A. B. West, F.R.I.B.A., Mr. W. W. Roberts.

Vice-President and eight representatives of the Berkshire Society of Architects on the Council of the B.B. and O.A.A. :—Mr. G. B. Willcocks, F.R.I.B.A., Vice President ; Mr. J. T. Saunders, F.R.I.B.A. (Reading) ; Mr. W. Roland Howell, F.R.I.B.A. (Reading) ; Mr. Harry Hutt, F.R.I.B.A. (Reading) ; Mr. F. A. Woods, F.R.I.B.A. (Maidenhead) ; Mr. W. R. Morris, F.R.I.B.A. (Reading) ; Mr. B. H. Sutton, F.R.I.B.A. (Lambourn) ; Mr. W. J. Freeman, A.R.I.B.A. (Reading) ; Mr. H. W. Rogerson, L.R.I.B.A. (Reading).

After the meeting a lecture was given by Mr. F. R. Yerbury, F.R.I.B.A., on "Dutch Architecture." The lecture was illustrated by many lantern slides showing interesting examples of old and modern Dutch domestic architecture.

#### NOTTINGHAM AND DERBY ARCHITECTURAL SOCIETY.

##### ANNUAL DINNER 19 APRIL.

Mr. John Wollatt (President) occupied the chair, and was supported by Mr. G. M. Eaton, Derby (vice-President), the Sheriff of Nottingham (Coun. A. Pollard), Mr. Walter Tapper (President of the Royal Institute of British Architects), Mr. Ian MacAlister (Secretary of the Royal Institute), Lieut. Col. R. F. B. Hodgkinson (President of the Nottingham Incorporated Law Society), Mr. P. Bow (President of the Nottingham and District Association of Building Trades Employers), Mr. A. Knight (President, Nottingham Society of Artists), Mr. A. Herbert (President of the Leicester and Leicestershire Society of Architects), and Mr. E. C. Bewlay (President of the Birmingham Architectural Association).

Mr. G. M. Eaton, in proposing the toast of "The Mayors and Corporations of Nottingham and Derby," said that one of

the formulae of those gentlemen should be the greatest beauty for the greatest number of citizens.

He congratulated the Mayor and Corporation of Nottingham on their latest scheme for the development of the Great Market Place, and their architect, Mr. T. C. Howitt, upon his beautiful and dignified scheme.

The Sheriff, in reply, paid a tribute to the neighbouring town of Derby, and said they all desired to see it progress as well as other towns and cities in the country. The industrial depression in Nottingham was very trying, and one hoped Derby was not similarly placed.

"I believe that the development of the city is due to the fact that there is the team spirit among the parties. We have our differences at election times, but when we come down to solid business we are determined to see that the city of Nottingham goes ahead."

Professor F. S. Granger, in submitting the toast of "The R.I.B.A. and Allied Societies," said that it was not yet a century since the Institute was founded, but it had done great things. They had it on American authority that only six per cent. of the buildings of this country had been erected by architects, and he would say that the country looked like it.

"If we in England do not wish to lose more year by year by the destruction of the old than we gain by the masterpieces from the new period it is to the Royal Institute and its work that we must look."

"In Nottingham, for example, I do not think anyone will confidently say that new Friar Lane and Park Street are so fine architecturally as those old Georgian buildings."

If only six per cent. of the buildings of this country were erected by architects 94 per cent. was erected by people who were their own architects, and he was distressed by the increasing ugliness of the country.

If they wished to see England they must see it from a train and not from a motor car. Petrol pumps and garages were making rural England an eyesore.

Mr. Walter Tapper, in reply, said that until the community understood and appreciated architecture there was very little that could be done. People did not desire the mean and ignoble houses that were so often seen. Until they could impress on the educational authorities the necessity for a study of the fine arts they would never get great architecture.

Mr. Wollatt also replied, and said that the Nottingham and Derby Society had reached a record of membership with 176, and there was a possibility of the area being extended. At present there were in Lincolnshire 120 architects who had no society. He urged the members to be loyal to the idea of registration.

Referring to the education of the younger generation in architecture, he hoped that, when the new University was going, they would have a proper Chair of Architecture.

Referring to the housing schemes of the Nottingham City Council, the speaker said there was nothing within a radius of 50 miles which could compare with Sherwood. Opinions might be divided about Wollaton Park, but it was a great idea, carried out with tact. The new University would be a great architectural asset to Nottingham, and in the new Exchange they would have a building of which the citizens could be proud.

#### YORK AND EAST YORKSHIRE ARCHITECTURAL SOCIETY.

##### ANNUAL MEETING.

At the annual meeting of the York and East Yorkshire Architectural Society on 20 April, the following officers and council were elected for the year 1928-29: President: Mr. J. Stuart Syme, L.R.I.B.A.; Vice-Presidents: Mr. G. D. Harbron, F.R.I.B.A., Mr. F. J. Horth, F.R.I.B.A., Mr. Kenneth Ward, L.R.I.B.A.; Hon. Treasurer: Mr. E. A. Pollard, L.R.I.B.A.; Hon.

Auditors, Mr. J. E. Reid, L.R.I.B.A., Mr. S. G. Highmoor, M.C.; Hon. Secretary: Mr. R. Jackson, A.R.I.B.A.; Council: Mr. C. D. Allderidge, A.R.I.B.A., Mr. H. Andrew, F.R.I.B.A., Mr. W. E. Biscomb, Mr. C. H. E. Bridgen, F.R.I.B.A., Mr. A. B. Burleigh, Mr. J. M. Dossor, F.R.I.B.A., Mr. R. S. Kirby, L.R.I.B.A., Mr. L. Kitchen, F.R.I.B.A., Mr. C. Leckenby, A.R.I.B.A., Mr. Alan E. Munby, M.A., F.R.I.B.A., Mr. A. Pollard, F.R.I.B.A., Mr. J. E. Reid, L.R.I.B.A., Mr. T. Snowden, L.R.I.B.A., Mr. A. N. Thorpe, and Mr. T. W. Whipp, A.R.I.B.A.

The President, in the course of some remarks on the works of the Society during the past year, referred to the important part which it plays, along with the other provincial allied societies, in assisting to direct the policy of the Royal Institute of British Architects on matters of great moment to the profession. He also spoke of the fate which unfortunately befell the Architects' Registration Bill, which was counted out on its presentation for second reading last month. Two deplorable facts stand out prominently in connection with this occurrence. The first is that the interest in this important question was so small that only about 30 members took the trouble to be in their place to take part in the debate. The other is that the opposition to it appears to emanate from a small and obscure body of architectural malcontents who have set themselves in defiance of the carefully-reasoned policy of the Royal Institute. The position of this minority party is unjustifiable in view of the long and honourable history of the Institute and the list of distinguished architects who have been associated with its work in the past.

The prizes awarded by the Society were presented as follows. Measured drawings, Mr. C. N. Nettleton, Hull, Design of a Garden Summer House; Mr. E. A. Ferraby, Hull, and Honourable Mention, Mr. E. A. J. Lane, York.

The Society has a membership of 114, including honorary members.

## Obituary

### GEORGE DALE OLIVER [F.]

We regret to announce the death of Mr. George Dale Oliver, of Carlisle, at the age of seventy-seven.

Mr. Oliver was the son of the late Mr. Thomas Oliver, of Newcastle-on-Tyne, who was president of the Northern Architectural Association in 1870 and again in 1877-79. Mr. G. D. Oliver was himself the first chairman of the Cumberland branch of the Northern Architectural Association and was, until his death, one of their representatives on the conference of societies allied with the Royal Institute of British Architects. At first Mr. Oliver was a pupil with his father, but later he went to London, as an assistant to Mr. George E. Street, R.A. It was while in London, from 1871 to 1875, that he commenced what was to prove a lifelong friendship with the late Mr. Edward J. Dodgshun, F.R.I.B.A., who later joined him in a partnership which subsisted until the latter's retirement owing to ill-health. The firm, known as Messrs. Oliver and Dodgshun, had offices in Carlisle and Leeds. Mr. Oliver's first entry to Carlisle was 50 years ago, when he came as a partner with Mr. Crosby Hetherington, the first work carried out by the firm in this district being the erection of Hethersgill Church.

In 1874 Mr. Oliver was awarded the Royal Institute of British Architects' measured drawings prize and silver medal, and in the following year he won the Medal of Merit in the Pugin Travelling Studentship for "skill and ability displayed in his drawings." He was elected an associate of the R.I.B.A. in 1877, and a Fellow in 1892. He went on the retired list in 1921. He was for 27½ years County Architect for Cumberland, retiring from that office in 1919.

Among new buildings or building extensions for which Mr. Oliver prepared plans were those for the Goodwin Schools, the Cumberland and Westmorland Mental Institution, Norman Street and Newtown Schools, Technical Schools at the foot of Lowther Street (a scheme which was abandoned), Workington Infirmary, schools at Whitehaven, Newton Rigg Farm School, Carlisle Grammar School, the Crown and Mitre Hotel, the Clydesdale Bank, Lowther Street School, additions to Stone House, Hayton (now called Hayton House) for the late Sir John Ross, and to Lynehow (now known as Justicetown) for the late Col. Irwin, Messrs. Robinson's premises in English Street, and the coffee taverns and cottages at Holme Head. As an expert witness in arbitration cases, Mr. Oliver's evidence always carried weight.

He is survived by his wife, a son and three daughters.

#### JOHN BERTRAM WILLS [F.R.A.]

It is with great regret that we have to announce the death of Mr. J. B. Wills, (of Sir Frank W. Wills and Son), of 15 Orchard Street, Bristol. Mr. Wills was elected an Associate in 1909, and a Fellow in 1921. A friend writes "his chief characteristics were thoroughness and assiduous application upon all matters connected with his profession. His brother architects in Bristol and the surrounding districts mourn his loss because they always found a ready and sympathetic ear and a willingness to undertake the part of mediator in reconciling differences of opinion not only between architect and client, but among his professional brethren."

As Honorary Treasurer of the Bristol Society of Architects, he shewed a constant and continuous interest in the promotion of that body and few gave greater encouragement to the student and young architect.

The following works, *inter alia*, were in progress :

Preparatory School, Bristol, for Bristol Grammar School recently opened by Sir Thos. Inskip, about £15,000; Extensions to Bristol Museum and Art Gallery, about £85,000; Buildings for Atlas Assurance Co., Ltd., Bristol, about £30,000; Banking Premises for National Provincial Bank, Ltd., at Clifton and Bedminster, as well as sundry temporary premises for the same Bank; R. C. Church of St. Patrick, St. George, Bristol; R. C. Church of St. Joseph, Fishponds, Bristol; Temporary R. C. Church of St. George, Warminster, Bristol; Church and Priests House at Chard, Somerset; Parish Hall at Minehead, Somerset, for the Church of the Sacred Heart; Presbytery at Frome, Somerset; Extensions to St. Louis Convent, Glastonbury; Sports Pavilion at Horfield, Bristol, Bristol Grammar School; Sports Pavilion at Coombe Dingle, for St. Brendens College; Almshouses at Trinity North, Old Market Street, Bristol.

Among the schemes designed and carried out by the late Mr. J. Bertram Wills might be mentioned : Offices, Broad Street, Bristol, for North British and Mercantile Assurance Co., Ltd.; Electric Light Works at Abingdon; Memorial Chapel, Blagdon Church, Somerset; Warehouses at Redcliff Backs and Old Street, Bristol. Many alterations and additions under Bristol Municipal Charities. Works on the estates of his relatives, Sir George A. Wills, Bart., and other distinguished members of his family.

#### NOTES FROM THE MINUTES OF THE COUNCIL

2 April 1928.

##### THE ROYAL GOLD MEDAL.

The Council were informed that His Majesty the King had approved the award of the Royal Gold Medal to Mr. E. Guy Dawber, A.R.A.

#### EXAMINATIONS.

The following results were reported to the Council :—  
(a) *The Intermediate, Final and Special Examinations November and December, 1927.*

Intermediate Examination—Examined, 91 ; passed, 31 ; relegated, 60 ; percentage passed, 34.

Final Examination.—Examined, 44 (and 4 Pt. I only, and 1 Pt. II only); passed, 20 (and 3 Pt. I only and 1 Pt. II only); relegated, 25 ; percentage passed, 49.

Special Examination.—Examined, 17 (and 2 Pt. I only, and 1 Pt. II only); passed, 7 (and 1 Pt. I only, and 1 Pt. II only); relegated, 11 ; percentage passed, 45.

Special examination in Design for former Members of the Society of Architects.—Examined, 3 ; passed, 1 ; relegated, 2 ; percentage passed, 33½.

Professional Practice.—Examined, 35 ; passed, 30 ; relegated, 5 ; percentage passed, 86.

Total.—Examined, 198 ; passed, 95 ; relegated, 103 ; percentage passed, 48.

##### (b) Overseas.

(1) *The Final Examination, Perth, Western Australia.*—Examined, 1 ; relegated, 1 ; passed, 0.

(2) *The Intermediate Examination, Brisbane.*—Examined, 4 ; relegated, 1 ; passed, 3.

(3) *The Final Examination, Brisbane.*—Examined, 1 ; relegated, 1 ; passed, 0.

(4) *The Intermediate Examination, Cape Town, South Africa.*—Examined, 7 ; relegated, 2 ; passed, 5.

(5) *Examination in Professional Practice, McGill University School of Architecture, Montreal.*—Examined, 7 ; relegated, 0 ; passed, 7.

A Mark of Distinction for Thesis was awarded to Mr. E. W. Chapman.

THE R.I.B.A. (ALFRED BOSSOM) TRAVELLING STUDENT-SHIP, 1928.

The programme of study proposed by Mr. P. Cutbush, [A.R.I.B.A.] (Alfred Bossom) Travelling Student, 1928 was approved.

#### COMPETITION FOR A DESIGN FOR A GARAGE.

The Board of Architectural Education reported that through the instrumentality of Mr. T. P. Bennet, [F.R.A.] and Mr. W. Rootes, of Grosvenor House, Mr. H. S. Horne, of 74 Park Street, W.1, had offered a Prize to the R.I.B.A., of £500 for a design for a Garage in the West End of London, adjacent to the theatres.

The Council gratefully accepted Mr. Horne's generous offer and it was decided to make the competition open to all architects.

#### SALARIED MEMBERS OF THE R.I.B.A.

A statement of the policy of the A.A.S.T.A. on the subject of salaried members was submitted by Mr. W. H. Hamlyn, representative of the Association on the Council. It was decided to appoint a Special Committee to consider and report on the matter at the earliest opportunity.

28 April 1928

## NOTES FROM THE MINUTES OF THE COUNCIL

429

## MAJOR HARRY BARNES.

The President reported that pressure upon his time had made it necessary for Major Harry Barnes to resign the Chairmanship of the Finance and House Committee and his membership of the Premises Committee.

The Council passed a cordial vote of thanks to Major Barnes for the valuable work he had done for the Institute on these two Committees.

Mr. Arthur Keen has been appointed Chairman of the Finance and House Committee.

## COUNCIL FOR THE PRESERVATION OF RURAL ENGLAND, THAMES VALLEY BRANCH: TECHNICAL COMMITTEE.

Mr. Edward Warren [F.], and Mr. Michael Waterhouse [A.], were appointed to represent the R.I.B.A. on the Technical Committee set up by the Thames Valley Branch of the C.P.R.E.

## THE FELLOWSHIP.

The Council, by a unanimous vote, elected Mr. John Seeds of Belfast to the Fellowship under the powers defined in the Supplemental Charter of 1925.

## MEMBERSHIP.

Applications for membership were approved as follows:—

As Fellows . . .	25 applications.
As Associates . . .	49 applications.
As Hon. Associate . . .	1 application.

The following ex-member was reinstated:—  
As Fellow . . . Walter Scott-Deakin.

## STUDENTSHIP.

The following were elected as Students of the R.I.B.A.: Ashworth, Albert Thompson (University of Liverpool). Barnard, Albert Edward (Special Exemption). Cusdin, Sidney Edward Thomas (Architectural Association).

Hirst, William (Architectural Association). Leftwich, Richard Alfred (University of Cambridge).

## RESIGNATION.

The following resignation was accepted with regret:—  
William Clarkson [L.]

## APPLICATIONS FOR ELECTION AS LICENTIATES UNDER SECTION III (f) OF THE SUPPLEMENTAL CHARTER OF 1925.

Two applications were approved.

## APPLICATION FOR ELECTION AS SUBSCRIBER.

One application was approved.

## R.I.B.A. STATUTORY EXAMINATIONS.

The R.I.B.A. Statutory Examinations for the Office of District Surveyor under the London Building Acts, or Building Surveyor under Local Authorities, will be held at the R.I.B.A., London, on 17, 18 and 19 October, 1928.

The closing dates for receiving applications for admission to the Examinations, accompanied by the fee of £3 3s., is 1 October 1928.

Full particulars of the Examinations and application forms can be obtained from the Secretary, R.I.B.A.

BOARD OF ARCHITECTURAL EDUCATION.  
THE VICTORY SCHOLARSHIP AND THE TITE PRIZE.

## FINAL COMPETITIONS.

As a result of the Preliminary Competitions for the Victory Scholarship and the Tite Prize, the following have been selected to take part in the Final Competitions:

## THE VICTORY SCHOLARSHIP.

Mr. T. Murray Ashford (Birmingham School of Architecture, and School of Architecture, The Architectural Association).  
Mr. Harold Bramhill (School of Architecture, University of Liverpool).  
Mr. J. W. Buchanan (School of Architecture, The Architectural Association).  
Mr. E. G. Gardner (School of Architecture, The Architectural Association).  
Mr. A. B. Grayson (School of Architecture, The Architectural Association).  
Mr. G. I. C. Hight (School of Architecture, The Architectural Association).  
Mr. G. C. Hough (School of Architecture, University of Liverpool).  
Mr. J. L. Hughes (School of Architecture, University of Liverpool).  
Mr. Allan Johnson (School of Architecture, Leeds College of Art).  
Mr. J. T. Lloyd (Bartlett School of Architecture, University of London).  
Mr. D. H. McMorrin.  
Mr. E. B. O'Rorke (School of Architecture, The Architectural Association).  
Mr. Alec Owen (School of Architecture, University of Liverpool).  
Miss Betty Scott (School of Architecture, The Architectural Association).  
Mr. D. B. Solomon (School of Architecture, University of Liverpool).

## THE TITE PRIZE.

Mr. C. J. Bartlett (School of Architecture, The Technical College, Cardiff).  
Mr. John Beloe (School of Architecture, The Architectural Association).  
Mr. J. N. Cowin (School of Architecture, University of Liverpool).  
Mr. W. Crabtree (School of Architecture, University of Liverpool).  
Mr. S. E. T. Cusdin (School of Architecture, The Architectural Association).  
Mr. H. G. Ellis (School of Architecture, University of Liverpool).  
Mr. P. G. Freeman (School of Architecture, University of Liverpool).  
Mr. E. C. Gilham (School of Architecture, University of Liverpool).  
Mr. Herbert Jackson (School of Architecture, Birmingham).  
Mr. S. W. Kelly (School of Architecture, University of Liverpool).  
Mr. B. Lightfoot (School of Architecture, University of Liverpool).  
Mr. R. G. Madeley (School of Architecture, Birmingham).  
Mr. J. L. Martin (School of Architecture, University of Manchester).  
Mr. Thomas Mitchell (School of Architecture, Glasgow).  
Mr. John V. Nisbet (School of Architecture, The Architectural Association).

- Mr. C. St. C. R. Oakes (School of Architecture, The Northern Polytechnic).  
 Mr. P. S. Pelham-Morter (School of Architecture, University of Liverpool).  
 Mr. J. A. Ritchie (School of Architecture, The Architectural Association).  
 Mr. Gordon Stephenson (School of Architecture, University of Liverpool).  
 Mr. H. W. Whiteman (School of Architecture, Birmingham).  
 Mr. Lawrence Wright (School of Architecture, University of Liverpool).  
 Mr. F. R. S. Yorke (School of Architecture, Birmingham).

## Notices

### THE ANNUAL GENERAL MEETING 7 MAY 1928.

The Ninety-fourth Annual General Meeting will be held on Monday, 7 May 1928, at 8 p.m., for the following purposes :—

To read the Minutes of the Ordinary General Meeting held on 23 April 1928; formally to admit members attending for the first time since their election.

To receive the Annual Report of the Council and Standing Committees for the official year 1927-28, printed on the preceding pages of this issue of the JOURNAL. Copies of the Report will be available for members at the meeting.

To nominate candidates (two members) for the office of Hon. Auditors for the ensuing year.

To receive the list of attendances at the Council and Standing Committees during the Session.

### THE ANNUAL DINNER, 1928.

The Annual Dinner will take place on Wednesday, 23 May 1928, in the Hall of Lincoln's Inn (by the kind permission of the Benchers of Lincoln's Inn).

H.R.H. the Duke of York has graciously consented to attend as the guest of the Royal Institute, and a large number of other distinguished guests are also expected.

Members who wish to attend and have not yet applied for tickets, are requested to do so immediately.

The price of tickets is £2 2s. each for members and for members' guests (inclusive of wines, cigars, etc.). Guests may be either ladies or gentlemen.

### VISIT TO EMPIRE TIMBER EXHIBITION, WEDNESDAY, 23 MAY 1928.

At the invitation of Lieut.-General Sir Wm. T. Furse, K.C.B., D.S.O., the Director of the Imperial Institute, a special visit of architects to the Empire Timber Exhibition has been arranged by the R.I.B.A.

The visit will take place at 2.30 p.m. on Wednesday, 23 May, and the party will be conducted by Mr. H. D. Searles-Wood, F.R.I.B.A., representative of the R.I.B.A. on the Imperial Institute Advisory Committee on timbers, and by Dr. Chandler of the Imperial Institute.

Architects desirous of taking part in the visit are requested to send their names to the Secretary of the R.I.B.A., 9 Conduit Street, W.1, not later than 21 May, when further particulars will be sent to them.

### R.I.B.A. AND A.A. JOINT VISITS.

#### VISIT TO STRAWBERRY HILL.

A visit has been arranged to Strawberry Hill, to take place on Saturday, 5 May 1928. Tickets of admission giving the time of the visit and other particulars may be obtained on application to the Secretary of the A.A., 36 Bedford Square, W.C.1.

### BRITISH ARCHITECTS' CONFERENCE, BATH.

20 JUNE TO 23 JUNE 1928.

#### HOTEL ACCOMMODATION.

The annual conference of the Royal Institute of British Architects and its Allied Societies will take place at Bath from 20 to 23 June 1928. The Wessex Society of Architects have in hand the preparation of the programme, which promises to be one of the most attractive in the records of the profession.

It is expected that there will be a large attendance of members from all parts of the country, and they are urgently requested to reserve the dates mentioned above, and to arrange for their hotel accommodation at the earliest possible date, so as to avoid the risk of disappointment.

The Executive Committee of the Conference have kindly furnished the following list of hotels and boarding-houses, with charges :

	Bed and Breakfast.	Full Board per day.
Grand Pump Room	10/6 upwards	From 24/- 1 day 44/- 2 days 63/- 3 days
Empire	10/6	21/-
Pulteney	12/-	21/-
Spa	10/6	
Fernley	10/6	17/-
Lansdown Grove	10/6	18/-
Royal	10/6	16/-
York House	10/6	18/-
Southbourne	8/6 and 9/6	14.6
Christopher	10/6	14.6
Harris	8/6	12.6
Pratts	10/6	15/- to 17.6
Francis	8/6 to 10/6	12/- to 18/-
Edgar	6/6 to 7/6	12/-
Angel		14.6 dinner
St. Monica's	7/6	12/-
Connell's	6/6	12.6
Glenlucie	6/6	12.6
Sheridan	6/6 to 7/6	12/- to 14/-
Bromley House	7/6 to 8/6	10.6
Carfax	7/6	11.6
Bathaston Villa	5/6	8.6
Sherriffs	6/6 and 7/6	12.6 to 14.6
Rockliffe	7/6 to 8/6	10.6 to 12.6
Carlton Villa	6/6	9.6
Donnybrook	6/6 to 7/6	10.6 to 12.6
38 Green Park	5/6	7.6
15 Bloomfield Avenue		6/- to 7.6

#### TRAVELLING FACILITIES.

From London to Bath a tourist ticket is issued, available for three months, and with facilities for breaking the journey at all important points, for 24s. 9d. (3rd class).

Mr. Alfred Myers, railway agent, of 343 Gray's Inn Road, London, W.C., will be pleased to advise members

28 April 1928

## COMPETITIONS

431

who propose travelling from London and other centres, and also to issue tickets and book seats on application to him.

## ARCHITECTS, ENGINEERS, AND SURVEYORS DEFENCE UNION, LIMITED.

It would seem that the circular "A" issued by the Defence Union containing information relating to its objects has conveyed to some members of the Institute the idea that the Union is an organisation formed outside of, and in some way in rivalry with, the R.I.B.A. Possibly this is due to the fact that the Union is a separate body and that its offices are at 28 Bedford Square and not at Conduit Street.

However this may be, the Council of the R.I.B.A. desires to remove any misapprehension and to state that the Architects, Engineers, and Surveyors Defence Union, Limited, was formed under the auspices of and with the sanction and support of the R.I.B.A., and has permission to indicate this in its circulars.

The Council of the R.I.B.A. urges all eligible members of the Institute who have not yet joined the Union to do so without delay and as a matter of course, not only in their professional interests, but with the object of establishing firmly a Defence organisation founded by members of the Institute and carried on under the auspices of and with the hearty support and approval of the Council.

All communications relating to the Defence Union should be addressed to 28 Bedford Square, London, W.C.1, where accommodation has been placed at its disposal by the Council of the Institute.

## THE NATIONAL HEALTH AND PENSIONS INSURANCE ACTS.

The attention of architects is called to the advantages of their insurable staff insuring through :—

## THE ARCHITECTS' AND SURVEYORS' APPROVED SOCIETY.

*Contributions* (for Men) 1s. 6d. per week, 9d. of which is payable by the employer.

*Health Insurance Benefits* Sickness Benefit : up to 22s. per week.

Disability Benefit : up to 11s. per week.

Maternity Benefit : up to 54s.

10s. per week from age of 65 ; similar amount paid to wife of insured person, on her attaining 65. These pensions are paid irrespective of possession of other private means.

Full cost of dental treatment.

Full cost of optical treatment (including glasses).

Part or full cost of surgical operations.

Part or full cost of maintenance in nursing homes, hospitals or convalescent homes.

Part or full cost of provision of trained nurses during serious illness.

Cash grants to members in financial distress through illness.

Help us to help you by applying for membership in :—

The Architects' & Surveyors' Approved Society,  
26 Buckingham Gate, London, S.W.1.  
Herbert M. Adamson, Secretary.

## ROOMS FOR ARBITRATIONS, ETC.

Members requiring convenient accommodation for Arbitrations, Conferences, Committees, Lectures (Lantern if required) or other similar meetings, will find every facility available at the additional premises at 28 Bedford Square, W.C.1. Telephone : Museum 0942. Enquiries should be made of Mr. C. McArthur Butler [L.], who has charge of the arrangements.

## Competitions

## PROPOSED OPEN-AIR SCHOOL COMPETITION, KEIGHLEY.

Members of the Royal Institute of British Architects and of its Allied Societies must not take part in the above competition because the conditions are not in accordance with the published Regulations of the Royal Institute for Architectural Competitions.

## THE ROYAL MASONIC INSTITUTION FOR GIRLS : SENIOR SCHOOL AT RICKMANSWORTH PARK.

The General Committee of the Royal Masonic Institution for Girls invite Architects of British Nationality to submit designs for a new Senior School proposed to be built on a site of some 200 acres known as Rickmansworth Park, at Rickmansworth.

Assessor : Mr. Henry V. Ashley, F.R.I.B.A.

Premiums : £750, £500, £400, £300, £200.

Last day for sending in designs : 5 September 1928.

Last day for questions : 1 March 1928.

Total cost not to exceed £350,000.

Conditions of the above competition may be obtained from the Secretary, The Royal Masonic Institution for Girls, 31, Great Queen Street, W.C.2.

## COUNTY BOROUGH OF SOUTHAMPTON PROPOSED NEW TOWN HALL.

The County Borough Council of Southampton propose to erect a new Town Hall in West Marlands, and invite architects to submit designs.

Assessor : Mr. H. Austen Hall, F.R.I.B.A. Premiums ; £500, £300, £150. Last day for sending in designs, 30 July 1928. Last day for Questions, 20 April 1928. Total cost not to exceed £385,000.

Conditions of the above competition may be obtained from The Town Clerk, Municipal Offices, Southampton.

## BOROUGH OF LEWISHAM : PROPOSED TOWN HALL, SHOPS AND OFFICES.

The Lewisham Borough Council invite architects of British birth and nationality to submit designs in competition for the Town Hall, Shops and Offices, proposed to be erected on the site of the East side of, and adjoining the present Town Hall buildings.

Assessor : Mr. Winton Newman, F.R.I.B.A. Premiums, £350, £250, £150. Last day for sending in designs, 14 July 1928.

Conditions of the above competition may be obtained from The Town Clerk, Town Hall, Lewisham. S.E.6.

## Members' Column

### PRACTICE OR PARTNERSHIP WANTED.

MEMBER, age 41, with provincial practice, which he has carried on for the last 18 years, but which is at present dormant through severe local industrial depression, desires to purchase a genuine, well-established practice or partnership with firm of standing.—Apply Box 1538, c/o The Secretary R.I.B.A., 9 Conduit Street, London, W.1.

### OFFICE ACCOMMODATION.

CONDUIT STREET, W., 3RD FLOOR.—Firm of architects have self-contained offices to let, comprising entrance lobby, small private office, and good top lighted drawing office. Terms by arrangement.—Apply Box 9891, c/o The Secretary R.I.B.A., 9 Conduit Street, London, W.1.

F.R.I.B.A. with an office in the West End, desires to meet another architect with a view to sharing accommodation and running expenses.—Apply Box 2118, c/o The Secretary R.I.B.A., 9 Conduit Street, London, W.1.

FELLOW of the Institute with a West End office having a room to spare desires to meet another architect with a view to sharing accommodation and running expenses.—Reply Box 7474, c/o The Secretary R.I.B.A., 9 Conduit Street, London, W.1.

### OFFICE ACCOMMODATION WANTED.

A.R.I.B.A. desires to rent a small office near Baker Street or Euston with occasional clerical assistance. Box 2548, c/o The Secretary, R.I.B.A., 9 Conduit Street, London, W.1.

### ROOMS TO LET.

F.R.I.B.A. has large light room to let—Gray's Inn. Share of assistant for typing and tracing, etc., can be arranged.—Apply Box 6289, c/o The Secretary R.I.B.A., 9 Conduit Street, London, W.1.

## Minutes XVI

### SESSION 1927-1928.

At the Twelfth General Meeting (Ordinary) of the Session, 1927-1928, held on Monday, 23 April 1928, at 8 p.m., Mr. H. V. Lanchester, Vice-President, in the chair.

The attendance book was signed by 22 Fellows (including 7 Members of Council), 20 Associates, 3 Licentiates, and several visitors.

The Minutes of the Ordinary General Meeting held on Monday, 2 April 1928, having been published in the JOURNAL, were taken as read, confirmed, and signed as correct.

The Hon. Secretary announced the decease of:—

William Hart Pertwee, transferred to Fellowship 1925.  
John Bertram Wills, R.W.A., elected Associate 1909, Fellow 1921.

George Dale Oliver, elected Associate 1877, Fellow 1892, and transferred to the list of Retired Fellows in 1921. Mr. Dale Oliver was awarded the Institute Silver Medal for Measured Drawings in 1874.

Malcolm Sinclair McCallum, elected Associate 1921. Alfred Hill (of Croydon), elected Associate 1880.

William Thomas Hanman, elected Licentiate 1911.

and it was resolved that the regrets of the Institute for their loss be entered on the Minutes and that a message of sympathy and condolence be conveyed to their relatives.

Mr. H. S. Goodhart-Rendel [F.] having read a paper on "The Work of Temple Moore," a discussion ensued, and on the motion of Sir Giles Gilbert Scott, R.A. [F.], seconded by Mr. Sydney D. Kitson, F.S.A., a vote of thanks was passed to Mr. Goodhart-Rendel by acclamation and was briefly responded to.

The proceedings closed at 10.5 p.m.

### LIFE ASSURANCE.

#### THE A.B.S. OPTIONAL POLICY.

The Architects' Benevolent Society offers an attractive "Ten Years Optional Policy" particularly designed to interest the young architect. The special feature of the policy is that it avoids the necessity of a decision at the outset as to the ultimate form and amount of the policy.

For the first ten years under this scheme, the full sum assured is payable in the event of death, the premium payable being less than that for an ordinary Whole-Life With-Profit Assurance. If death should occur during the first ten years, the return in cash is very large compared with the amount of the premiums paid.

For example, in the case of a man aged thirty a policy for £1,000 can be obtained for a quarterly deposit of £5 12s. 11d. (or annually £21 10s.).

At the end of ten years the assured has the choice of one of the following four different forms of benefit:—

1. The Policy may be continued at the same premium for the full amount assured as an ordinary Whole-Life With-Profit Assurance for £1,000.

2. The assurance may be continued at the same premium, as a With-Profit Endowment Assurance for a reduced amount, e.g., £766 maturing at age 65, £660 at age 60, or £542 at 55.

3. The full amount assured, viz., £1,000, may be continued as a With-Profit Endowment Assurance at an increased annual premium, e.g., £31 13s. 4d. payable at age 65, £39 5s. 10d. at 60, or £53 at 55.

4. The payment of the premium may cease altogether and the policy be converted into a fully paid-up With-Profits Assurance, either Whole Life or Endowment, as desired. (Whole Life £331, Endowment £270 at 65, £251 at 60, or £228 at 55.)

*Special "House Purchase" Option.*—If after five years the assured should require an advance towards the purchase of a house under the Architects' Benevolent Society "House Purchase Scheme," the policy may be used as part of the collateral security for the loan. If this were done a considerable saving could be made.

N.B.—Under options (1) to (4) the policy will be entitled to share in profits declared in respect of the period after ten years, so that the figures quoted above will be considerably increased.

It should be noted that, unlike all other schemes of convertible assurance, the premiums are not increased when the change is made, unless an Endowment Assurance for the full amount of the policy is chosen, and, even then, no further medical examination is required.

Please write for particulars and special terms to the Secretary, Architects' Benevolent Society, 9 Conduit Street, W.

It is desired to point out that the opinions of writers of articles and letters which appear in the R.I.B.A. JOURNAL must be taken as the individual opinions of their authors and not as representative expression of the Institute.

### R.I.B.A. JOURNAL.

DATES OF PUBLICATION.—1928: 12, 26 May; 9, 23 June; 14 July; 11 August; 22 September; 13 October.

utive  
d to  
the  
the  
cy.  
sum  
ium  
Life  
uring  
com-

policy  
it of

ce of  
—  
nium  
-Life

same  
for a  
60 at

con-  
at an  
ole at

gether  
With-  
nt, as  
at 65,

years  
e pur-  
society  
ised as  
s were

will be  
espect  
figures

nes of  
reased  
Assur-

l, even  
to the  
onduit

ons of  
in the  
vidual  
tentative

3 June: